

COTTAGE GROVE STATE AIRPORT

COTTAGE GROVE, OREGON

AIRPORT LAYOUT PLAN

DRAWING SET

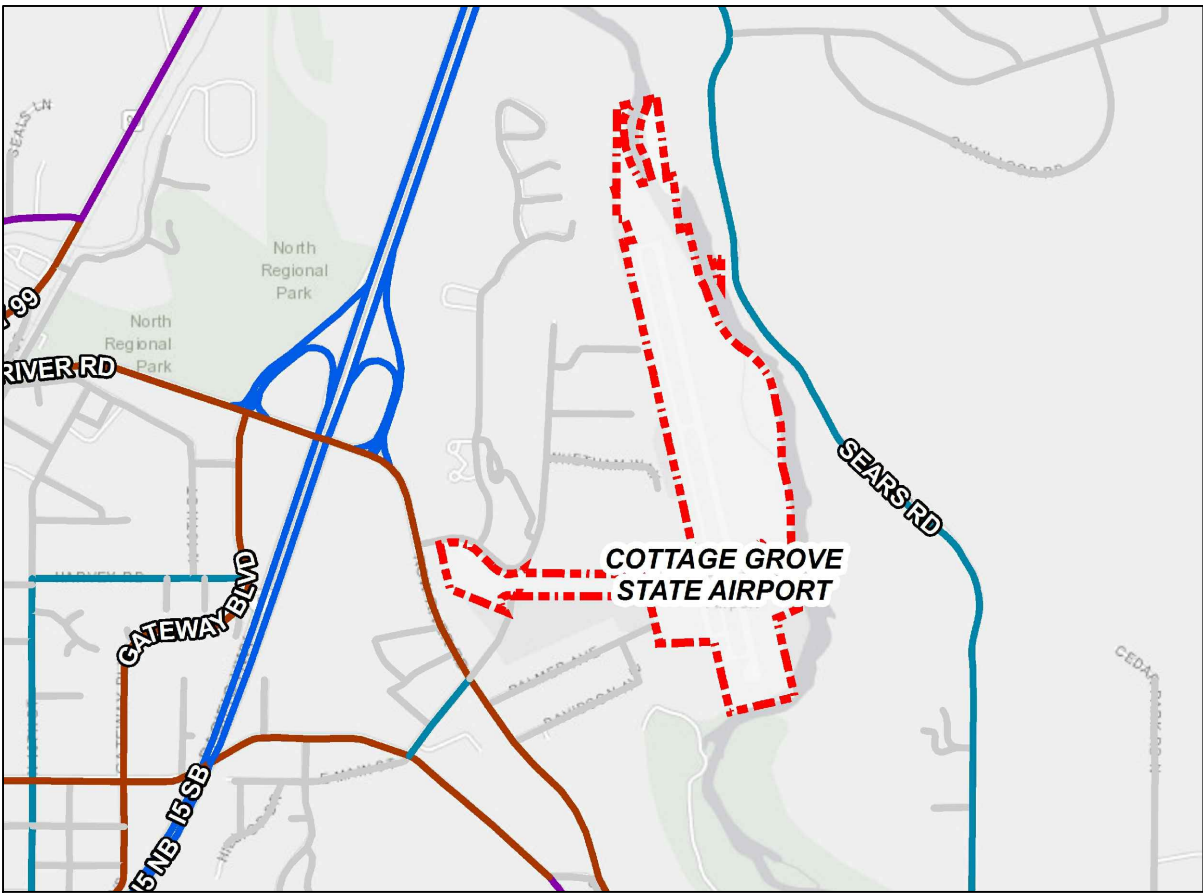
MARCH 2019

SHEET NO.		TITLE	REVISION
1	C1	AIRPORT LAYOUT PLAN	3/1/2019
2	C2	ALP WITH AERIAL OVERLAY	3/1/2019
3	C3	TERMINAL PLAN EAST	3/1/2019
4	C4	TERMINAL PLAN WEST	3/1/2019
5	C5	AIRSPACE PLAN (1 OF 2)	3/1/2019
6	C6	AIRSPACE PLAN (2 OF 2)	3/1/2019
7	C7	AIRSPACE APPROACH	3/1/2019
8	C8	RW 15 INNER APPROACH	3/1/2019
9	C9	RW 33 INNER APPROACH	3/1/2019
10	C10	OBSTRUCTION TABLES (1 OF 2)	3/1/2019
11	C11	OBSTRUCTION TABLES (2 OF 2)	3/1/2019
12	C12	ON AIRPORT LAND USE	3/1/2019
13	C13	OFF AIRPORT LAND USE	3/1/2019

LOCATION MAP



VICINITY MAP



Modifications to Design Standards			
Approval Date	Case Number	Modification	Description

SHEET INFO	
DESIGNED	ALB
DRAWN	ALB
CHECKED	RS
APPROVED	---
LAST EDIT	3/28/2019
PLOT DATE	4/1/2019
SUBMITTAL	

REVISIONS			
NO.	BY	DATE	REMARKS

COVER

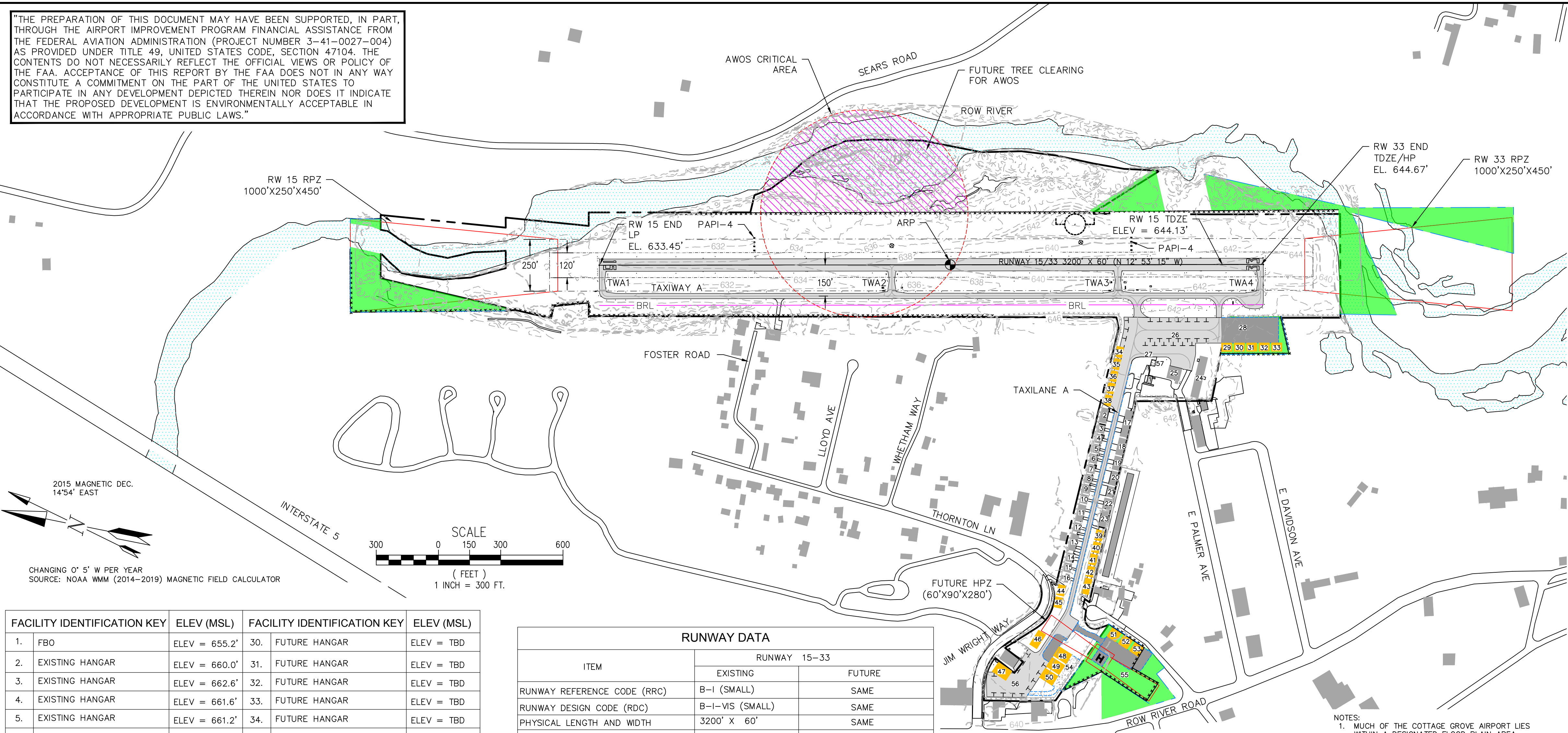
OREGON DEPARTMENT OF AVIATION
COTTAGE GROVE, OR

PROJECT NUMBER P0020107W	DRAWING FILE NAME COT-ALP-COVER	SCALE NO SCALE
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SHEET NUMBER

COVER

"THE PREPARATION OF THIS DOCUMENT MAY HAVE BEEN SUPPORTED, IN PART, THROUGH THE AIRPORT IMPROVEMENT PROGRAM FINANCIAL ASSISTANCE FROM THE FEDERAL AVIATION ADMINISTRATION (PROJECT NUMBER 3-41-0027-004) AS PROVIDED UNDER TITLE 49, UNITED STATES CODE, SECTION 47104. THE CONTENTS DO NOT NECESSARILY REFLECT THE OFFICIAL VIEWS OR POLICY OF THE FAA. ACCEPTANCE OF THIS REPORT BY THE FAA DOES NOT IN ANY WAY CONSTITUTE A COMMITMENT ON THE PART OF THE UNITED STATES TO PARTICIPATE IN ANY DEVELOPMENT DEPICTED THEREIN NOR DOES IT INDICATE THAT THE PROPOSED DEVELOPMENT IS ENVIRONMENTALLY ACCEPTABLE IN ACCORDANCE WITH APPROPRIATE PUBLIC LAWS."



DECLARED DISTANCES		
	EXISTING	
	15	33
TAKEOFF RUN AVAILABLE (TORA)	3200'	3200'
TAKEOFF DISTANCE AVAILABLE (TODA)	3200'	3200'
ACCELERATE - STOP DISTANCE AVAILABLE (ASDA)	3200'	3200'
LANDING DISTANCE AVAILABLE (LDA)	3200'	3200'

ALL WEATHER WIND DATA TABLE		
CROSS WIND COMPONENT	10.5 KNOTS	
RUNWAY 15	62.02%	
RUNWAY 33	55.31%	
RUNWAY 15/33	95.37%	

IFR WIND DATA TABLE		
CROSS WIND COMPONENT	10.5 KNOTS	
RUNWAY 15	68.32%	
RUNWAY 33	71.68%	
RUNWAY 15/33	99.25%	

VFR WIND DATA TABLE		
CROSS WIND COMPONENT	10.5 KNOTS	
RUNWAY 15	60.45%	
RUNWAY 33	51.92%	
RUNWAY 15/33	94.55%	

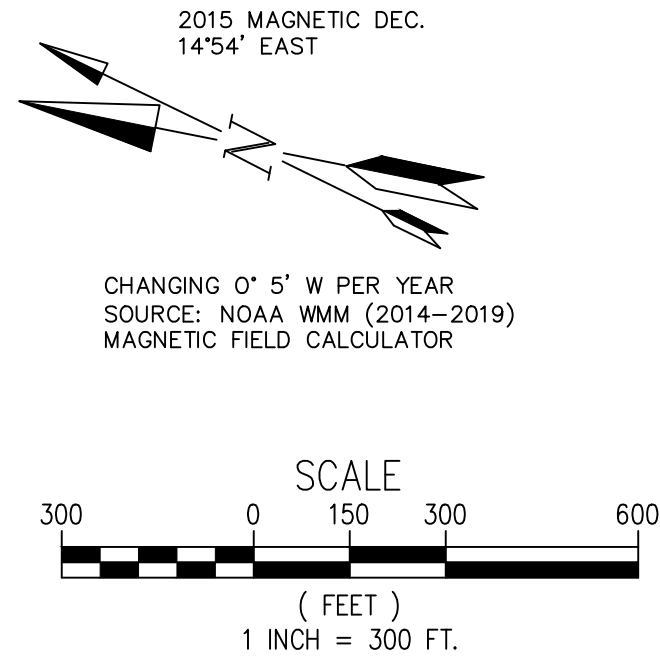
AIRPORT DATA		
DATUM NOTES: HORIZONTAL DATUM NAD 1983 VERTICLE DATUM NAVD 1988 CONTOURS SHOWN ARE NAVD 1929		
ITEM	EXISTING	FUTURE
DATUM FOR ALL ITEMS	NAD 1983	SAME
AIRPORT ELEVATION (MSL)	641'	SAME
AIRPORT REFERENCE POINT	LAT: 43°48'14" LONG: 123°01'55"	SAME
MEAN MAXIMUM DAILY TEMPERATURE	82° F	SAME
AIRPORT REFERENCE CODE	B-I (SMALL)	SAME
NPIAS ROLE	GENERAL AVIATION	SAME
STATE AIRPORT EQUIVALENT ROLE	LEVEL 3	SAME
LAND OWNED IN FEE (ACRES)	SEE EXHIBIT A 74	PROPOSED 86.7
AIRPORT CODE	61S	SAME
TRANSIENT AIRCRAFT SPACES	30	40

FACILITY IDENTIFICATION KEY	ELEV (MSL)	FACILITY IDENTIFICATION KEY	ELEV (MSL)
1. FBO	ELEV = 655.2'	30. FUTURE HANGAR	ELEV = TBD
2. EXISTING HANGAR	ELEV = 660.0'	31. FUTURE HANGAR	ELEV = TBD
3. EXISTING HANGAR	ELEV = 662.6'	32. FUTURE HANGAR	ELEV = TBD
4. EXISTING HANGAR	ELEV = 661.6'	33. FUTURE HANGAR	ELEV = TBD
5. EXISTING HANGAR	ELEV = 661.2'	34. FUTURE HANGAR	ELEV = TBD
6. EXISTING HANGAR	ELEV = 661.2'	35. FUTURE HANGAR	ELEV = TBD
7. EXISTING HANGAR	ELEV = 662.1'	36. FUTURE HANGAR	ELEV = TBD
8. EXISTING HANGAR	ELEV = 658.6'	37. FUTURE HANGAR	ELEV = TBD
9. EXISTING HANGAR	ELEV = 657.0'	38. FUTURE HANGAR	ELEV = TBD
10. EXISTING HANGAR	ELEV = 656.8'	39. FUTURE HANGAR	ELEV = TBD
11. EXISTING HANGAR	ELEV = 654.9'	40. FUTURE HANGAR	ELEV = TBD
12. EXISTING HANGAR	ELEV = 657.3'	41. FUTURE HANGAR	ELEV = TBD
13. EXISTING HANGAR	ELEV = 655.3'	42. FUTURE HANGAR	ELEV = TBD
14. EXISTING HANGAR	ELEV = 656.4'	43. FUTURE HANGAR	ELEV = TBD
15. EXISTING HANGAR	ELEV = 657.0'	44. FUTURE HANGAR	ELEV = TBD
16. EXISTING HANGAR	ELEV = 650.6'	45. FUTURE HANGAR	ELEV = TBD
17. EXISTING HANGAR	ELEV = 666.5'	46. FUTURE HANGAR	ELEV = TBD
18. EXISTING HANGAR	ELEV = 663.9'	47. FUTURE HANGAR	ELEV = TBD
19. EXISTING HANGAR	ELEV = 656.8'	48. FUTURE CORPORATE HANGAR	ELEV = TBD
20. EXISTING HANGAR	ELEV = 657.9'	49. FUTURE CORPORATE HANGAR	ELEV = TBD
21. EXISTING HANGAR	ELEV = 665.9'	50. FUTURE CORPORATE HANGAR	ELEV = TBD
22. EXISTING HANGAR	ELEV = 657.3'	51. FUTURE HANGAR	ELEV = TBD
23. EXISTING HANGAR	ELEV = 660.2'	52. FUTURE HANGAR	ELEV = TBD
24. EXISTING HANGAR	ELEV = 660.8'	53. FUTURE HANGAR	ELEV = TBD
25. EXISTING SHOP/ HANGAR	ELEV = 662.4'	54. PARKING AREA (FUTURE)	ELEV = TBD
26. TIE DOWN AREA	ELEV = VARIES	55. FUTURE HELIPORT	ELEV = TBD
27. APRON AREA	ELEV = VARIES	56. TIE DOWN AREA	ELEV = VARIES
28. APRON AREA (FUTURE)	ELEV = TBD	57. FUELING AREA	ELEV = 651.8'
29. FUTURE HANGAR	ELEV = TBD		

RUNWAY DATA						
ITEM			RUNWAY 15-33			
			EXISTING		FUTURE	
RUNWAY REFERENCE CODE (RRC)			B-I (SMALL)		SAME	
RUNWAY DESIGN CODE (RDC)			B-I-VIS (SMALL)		SAME	
PHYSICAL LENGTH AND WIDTH			3200' X 60'		SAME	
EFFECTIVE GRADIENT			0.37%		SAME	
PAVEMENT STRENGTH (WHEEL-POUNDS)			SINGLE - 12,500		SINGLE - 12,500	
PAVEMENT SURFACE			ASPHALT		SAME	
RUNWAY SAFETY AREA			3680' X 120'		SAME	
OBJECT FREE AREA			3680' X 250'		SAME	
OBJECT FREE ZONE			NO OFZ OBJECT PENETRATIONS			
CRITICAL AIRCRAFT			BEECH BARON 58		SAME	
AERONAUTICAL SURVEY REQUIRED			NVG		SAME	
APPROACH VISIBILITY MINIMUMS			VISUAL		SAME	
RUNWAY PROTECTION ZONE		15	1000'X250'X450'		SAME	
		33	1000'X250'X450'		SAME	
APPROACH TYPE		15	VISUAL		NONPRECISION CIRCLING GPS	
		33	VISUAL		NONPRECISION CIRCLING GPS	
APPROACH SLOPE: REQUIRED/CLEAR		15	20:1/20:1		SAME	
		33	20:1/20:1		SAME	
APPROACH AND LANDING AIDS		15	PAPI-4		GPS, REIL	
		33	PAPI-4		GPS, REIL	
RUNWAY END	15	Latitude	43°48'30.10"		SAME	
		Longitude	123°02'00.20"		SAME	
COORDINATES	33	Latitude	43°47'59.40"		SAME	
		Longitude	123°01'50.50"		SAME	
RUNWAY LIGHTING			MEDIUM INTENSITY		MEDIUM INTENSITY	
TAXIWAY LIGHTING			REFLECTORS MITL		REFLECTORS MITL	
RUNWAY MARKING			VISUAL		SAME	
WIND COVERAGE (%) - 12/15 MPH			97.3/99.2		SAME	
TAXIWAY	WIDTH	TAXIWAY TSA	TAXIWAY OFA	TAXILANE OFA	SHOULDER WIDTH	EDGE SAFETY MARGIN
TAXIWAY A	25'	49'	89'	79'	10'	5'
*EXISTING TAXILANE A OFA IS SMALLER THAN LISTED STANDARD DUE TO CURRENT HANGAR POSITIONS.						

[DATE: 4/1/2019 10:38 AM] [AUTHOR: abird] [PLOTTER: _AutoCAD PDF (General Documentation).pc3] [STYLE: WHP-Standard.ctb] [PATH: P:\Oregon Dept. of Aviation (ODA)\P0020107W\Execution\Drawings\ALP\Sheets\COT-ALP-C1-C4.dwg] [LAYOUT: C2]

"THE PREPARATION OF THIS DOCUMENT MAY HAVE BEEN SUPPORTED, IN PART, THROUGH THE AIRPORT IMPROVEMENT PROGRAM FINANCIAL ASSISTANCE FROM THE FEDERAL AVIATION ADMINISTRATION (PROJECT NUMBER 3-41-0027-004) AS PROVIDED UNDER TITLE 49, UNITED STATES CODE, SECTION 47104. THE CONTENTS DO NOT NECESSARILY REFLECT THE OFFICIAL VIEWS OR POLICY OF THE FAA. ACCEPTANCE OF THIS REPORT BY THE FAA DOES NOT IN ANY WAY CONSTITUTE A COMMITMENT ON THE PART OF THE UNITED STATES TO PARTICIPATE IN ANY DEVELOPMENT DEPICTED THEREIN NOR DOES IT INDICATE THAT THE PROPOSED DEVELOPMENT IS ENVIRONMENTALLY ACCEPTABLE IN ACCORDANCE WITH APPROPRIATE PUBLIC LAWS."



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1.	FBO	ELEV = 655.2'	30.	FUTURE HANGAR	ELEV = TBD
2.	EXISTING HANGAR	ELEV = 660.0'	31.	FUTURE HANGAR	ELEV = TBD
3.	EXISTING HANGAR	ELEV = 662.6'	32.	FUTURE HANGAR	ELEV = TBD
4.	EXISTING HANGAR	ELEV = 661.6'	33.	FUTURE HANGAR	ELEV = TBD
5.	EXISTING HANGAR	ELEV = 661.2'	34.	FUTURE HANGAR	ELEV = TBD
6.	EXISTING HANGAR	ELEV = 661.2'	35.	FUTURE HANGAR	ELEV = TBD
7.	EXISTING HANGAR	ELEV = 662.1'	36.	FUTURE HANGAR	ELEV = TBD
8.	EXISTING HANGAR	ELEV = 658.6'	37.	FUTURE HANGAR	ELEV = TBD
9.	EXISTING HANGAR	ELEV = 657.0'	38.	FUTURE HANGAR	ELEV = TBD
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11.	EXISTING HANGAR	ELEV = 654.9'	40.	FUTURE HANGAR	ELEV = TBD
12.	EXISTING HANGAR	ELEV = 657.3'	41.	FUTURE HANGAR	ELEV = TBD
13.	EXISTING HANGAR	ELEV = 655.3'	42.	FUTURE HANGAR	ELEV = TBD
14.	EXISTING HANGAR	ELEV = 656.4'	43.	FUTURE HANGAR	ELEV = TBD
15.	EXISTING HANGAR	ELEV = 657.0'	44.	FUTURE HANGAR	ELEV = TBD
16.	EXISTING HANGAR	ELEV = 650.6'	45.	FUTURE HANGAR	ELEV = TBD
17.	EXISTING HANGAR	ELEV = 666.5'	46.	FUTURE HANGAR	ELEV = TBD
18.	EXISTING HANGAR	ELEV = 663.9'	47.	FUTURE HANGAR	ELEV = TBD
19.	EXISTING HANGAR	ELEV = 656.8'	48.	FUTURE CORPORATE HANGAR	ELEV = TBD
20.	EXISTING HANGAR	ELEV = 657.9'	49.	FUTURE CORPORATE HANGAR	ELEV = TBD
21.	EXISTING HANGAR	ELEV = 665.9'	50.	FUTURE CORPORATE HANGAR	ELEV = TBD
22.	EXISTING HANGAR	ELEV = 657.3'	51.	FUTURE HANGAR	ELEV = TBD
23.	EXISTING HANGAR	ELEV = 660.2'	52.	FUTURE HANGAR	ELEV = TBD
24.	EXISTING HANGAR	ELEV = 660.8'	53.	FUTURE HANGAR	ELEV = TBD
25.	EXISTING SHOP/ HANGAR	ELEV = 662.4'	54.	PARKING AREA (FUTURE)	ELEV = TBD
26.	TIE DOWN AREA	ELEV = VARIES	55.	FUTURE HELIPORT	ELEV = TBD
27.	APRON AREA	ELEV = VARIES	56.	TIE DOWN AREA	ELEV = VARIES
28.	APRON AREA (FUTURE)	ELEV = TBD	57.	FUELING AREA	ELEV = 651.8'
29.	FUTURE HANGAR	ELEV = TBD			

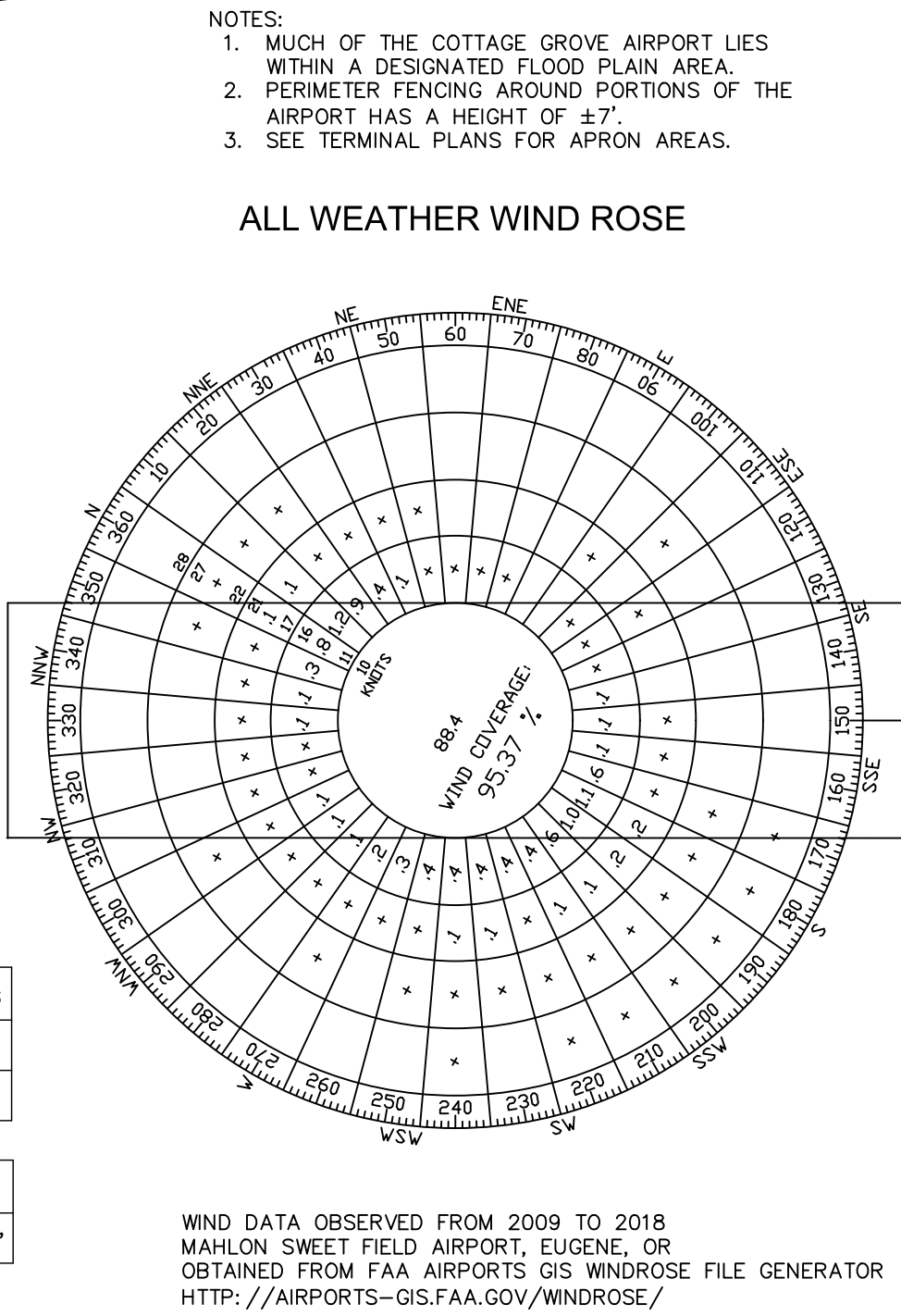
RUNWAY DATA					
ITEM	RUNWAY 15-33				
	EXISTING	FUTURE			
RUNWAY REFERENCE CODE (RRC)	B-I (SMALL)	SAME			
RUNWAY DESIGN CODE (RDC)	B-I-VIS (SMALL)	SAME			
PHYSICAL LENGTH AND WIDTH	3200' X 60'	SAME			
EFFECTIVE GRADIENT	0.37%	SAME			
PAVEMENT STRENGTH (WHEEL-POUNDS)	SINGLE - 12,500	SINGLE - 12,500			
PAVEMENT SURFACE	ASPHALT	SAME			
RUNWAY SAFETY AREA	3680' X 120'	SAME			
OBJECT FREE AREA	3680' X 250'	SAME			
OBJECT FREE ZONE	NO OFZ OBJECT PENETRATIONS				
CRITICAL AIRCRAFT	BEECH BARON 58	SAME			
AERONAUTICAL SURVEY REQUIRED	NVG	SAME			
APPROACH VISIBILITY MINIMUMS	VISUAL	SAME			
RUNWAY PROTECTION ZONE	15	1000'X250'X450'			
	33	1000'X250'X450'			
	15	VISUAL	NONPRECISION CIRCLING GPS		
APPROACH TYPE	33	VISUAL	NONPRECISION CIRCLING GPS		
	15	20:1/20:1	SAME		
APPROACH SLOPE: REQUIRED/CLEAR	33	20:1/20:1	SAME		
	15	PAPI-4	GPS, REIL		
APPROACH AND LANDING AIDS	33	PAPI-4	GPS, REIL		
	15	Latitude 43°48'30.10"	SAME		
RUNWAY END	33	Longitude 123°02'00.20"	SAME		
	15	Latitude 43°47'59.40"	SAME		
COORDINATES	33	Longitude 123°01'50.50"	SAME		
	15	Longitude 123°01'50.50"	SAME		
RUNWAY LIGHTING	MEDIUM INTENSITY	MEDIUM INTENSITY			
TAXIWAY LIGHTING	REFLECTORS MITL	REFLECTORS MITL			
RUNWAY MARKING	VISUAL	SAME			
WIND COVERAGE (%) - 12/15 MPH	97.3/99.2	SAME			
TAXIWAY	WIDTH	TAXIWAY TSA	TAXIWAY OFA	TAXILANE OFA	SHOULDER/EDGE SAFETY MARGIN
TAXIWAY A	25'	49'	89'	79'	10'

*EXISTING TAXILANE A OFA IS SMALLER THAN LISTED STANDARD DUE TO CURRENT HANGAR POSITIONS.

TAXIWAY	CURRENT TDG	FUTURE TDG	CURRENT ADG	FUTURE ADG
TAXIWAY A	1A	1A	I	I
TAXILANE A	1A	1A	I	I

HELIPORT	TLOF	FATO	SAFETY AREA	HPZ
HELIPORT	34'X34'	60'X60'	100'X100'	280'X60'X90'

*HELIPORT CRITICAL AIRCRAFT ASSUMPTION: JET RANGER 206



DECLARED DISTANCES		
	EXISTING	
	15	33
TAKEOFF RUN AVAILABLE (TORA)	3200'	3200'
TAKEOFF DISTANCE AVAILABLE (TODA)	3200'	3200'
ACCELERATE - STOP DISTANCE AVAILABLE (ASDA)	3200'	3200'
LANDING DISTANCE AVAILABLE (LDA)	3200'	3200'

ALL WEATHER WIND DATA TABLE	
CROSS WIND COMPONENT	10.5 KNOTS
RUNWAY 15	62.02%
RUNWAY 33	55.31%
RUNWAY 15/33	95.37%
IFR WIND DATA TABLE	
CROSS WIND COMPONENT	10.5 KNOTS
RUNWAY 15	68.32%
RUNWAY 33	71.68%
RUNWAY 15/33	99.25%
VFR WIND DATA TABLE	
CROSS WIND COMPONENT	10.5 KNOTS
RUNWAY 15	60.45%
RUNWAY 33	51.92%
RUNWAY 15/33	94.55%

AIRPORT DATA		
DATUM NOTES: HORIZONTAL DATUM NAD 1983 VERTICLE DATUM NAVD 1988 CONTOURS SHOWN ARE NAVD 1929		
ITEM	EXISTING	FUTURE
DATUM FOR ALL ITEMS	NAD 1983	SAME
AIRPORT ELEVATION (MSL)	641'	SAME
AIRPORT REFERENCE POINT	LAT: 43°48'14" LONG: 123°01'55"	SAME
MEAN MAXIMUM DAILY TEMPERATURE	82° F	SAME
AIRPORT REFERENCE CODE	B-I (SMALL)	SAME
NPIAS ROLE	GENERAL AVIATION	SAME
STATE AIRPORT EQUIVALENT ROLE	LEVEL 3	SAME
LAND OWNED IN FEE (ACRES)	SEE EXHIBIT A 74	PROPOSED 86.7
AIRPORT CODE	61S	SAME
TRANSIENT AIRCRAFT SPACES	30	40

LEGEND		
ITEM	EXISTING	FUTURE
AIRFIELD PAVEMENT		
ACCESS ROAD/VEHICLE PARKING	N/A	
EXISTING PAVEMENT TO BE REMOVED		
PERIMETER FENCE	*****	*****
RUNWAY SAFETY AREA	---	SAME
RUNWAY OBJECT FREE AREA	---	SAME
AIRPORT PROPERTY LINE	---	---
TAXIWAY CENTERLINE	---	---
PAPI UNITS	□□□□	SAME
BUILDING RESTRICTION LINE	—BRL—	SAME
AIRPORT PROPERTY ACQUISITION		
BUILDINGS		
TOPOGRAPHIC CONTOURS (2 FT)	3410	SAME
WIND CONE	P	SAME
AIRPORT REFERENCE POINT (ARP)	●	SAME
THRESHOLD LIGHTS	■ ■ ■ ■	SAME
RUNWAY PROTECTION ZONE	---	SAME
CREEK/STREAM		
AWOS		
TREE CLEARING AREAS		
AIRPORT SURVEY MONUMENTS	⊗	

WHPacific

OREGON

DEPARTMENT OF AVIATION

SHEET INFO

DESIGNED ALB
DRAWN ALB
CHECKED RS
APPROVED ---
LAST EDIT 4/1/2019
PLOT DATE 4/1/2019
SUBMITTAL

REVISIONS

NO.	BY	DATE	REMARKS

ALP WITH AERIAL OVERLAY

OREGON DEPARTMENT OF AVIATION
COTTAGE GROVE, OR

PROJECT NUMBER
P0019739W

DRAWING FILE NAME
COT-ALP-C1-C4

SCALE
AS SHOWN

SHEET NUMBER

C2

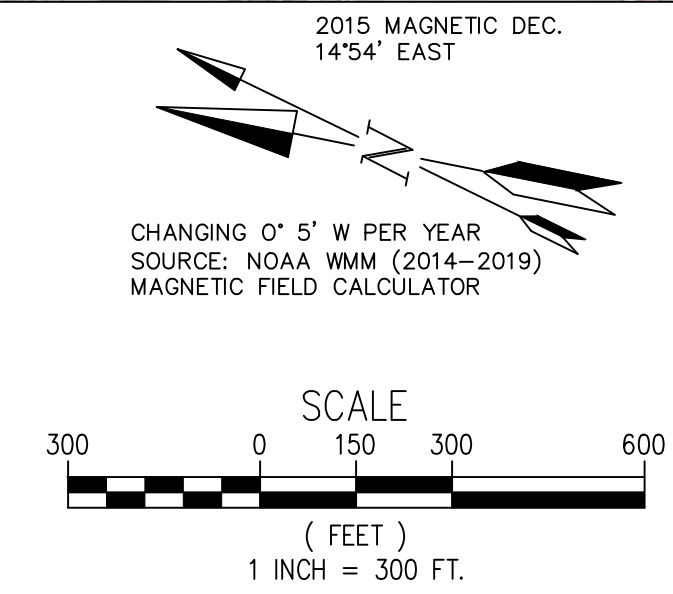
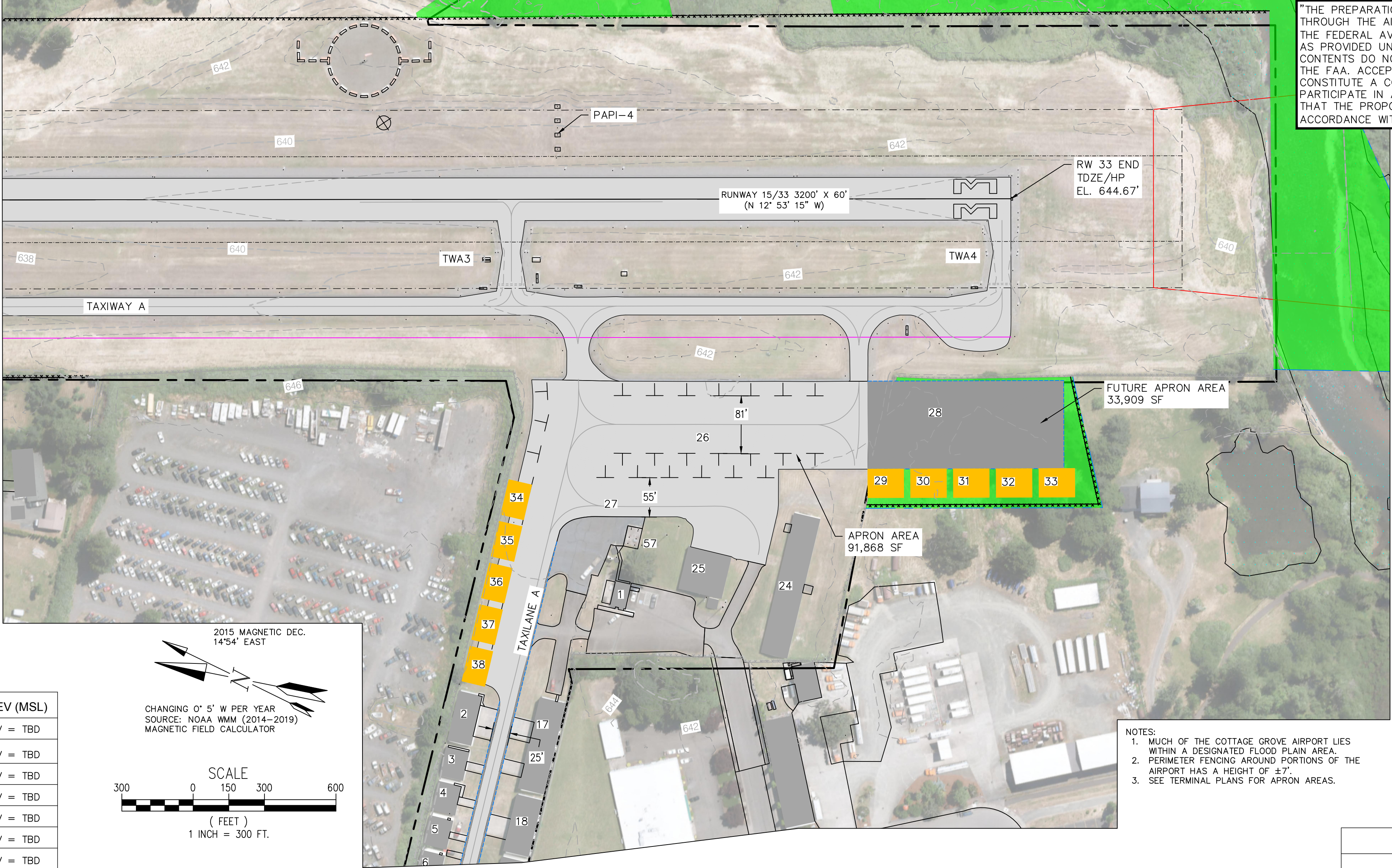
[DATE: 4/1/2019 10:38 AM] [AUTHOR: abird] [PLOTTER: _AutoCAD PDF (General Documentation).pc3] [STYLE: WHP-Standard.ctb] [PATH: P:\Oregon Dept. of Aviation (ODA)\P0020107W\Execution\Drawings\ALP_Sheets\COT-ALP-C1-C4.dwg] [LAYOUT: C3]

RUNWAY DATA			
ITEM	RUNWAY 15-33		
	EXISTING	FUTURE	
RUNWAY REFERENCE CODE (RRC)	B-I (SMALL)	SAME	
RUNWAY DESIGN CODE (RDC)	B-I-VIS (SMALL)	SAME	
PHYSICAL LENGTH AND WIDTH	3200' X 60'	SAME	
EFFECTIVE GRADIENT	0.37%	SAME	
PAVEMENT STRENGTH (WHEEL-POUNDS)	SINGLE - 12,500	SINGLE - 12,500	
PAVEMENT SURFACE	ASPHALT	SAME	
RUNWAY SAFETY AREA	3680' X 120'	SAME	
OBJECT FREE AREA	3680' X 250'	SAME	
OBJECT FREE ZONE	NO OFZ OBJECT PENETRATIONS		
CRITICAL AIRCRAFT	BEECH BARON 58	SAME	
AERONAUTICAL SURVEY REQUIRED	NVG	SAME	
APPROACH VISIBILITY MINIMUMS	VISUAL	SAME	
RUNWAY PROTECTION ZONE	15	1000'X250'X450'	SAME
	33	1000'X250'X450'	SAME
APPROACH TYPE	15	VISUAL	NONPRECISION CIRCLING GPS
	33	VISUAL	NONPRECISION CIRCLING GPS
APPROACH SLOPE: REQUIRED/CLEAR	15	20:1/20:1	SAME
	33	20:1/20:1	SAME
APPROACH AND LANDING AIDS	15	PAPI-4	GPS, REIL
	33	PAPI-4	GPS, REIL
RUNWAY END	15	Latitude 43°48'30.10"	SAME
		Longitude 123°02'00.20"	SAME
COORDINATES	33	Latitude 43°47'59.40"	SAME
		Longitude 123°01'50.50"	SAME
RUNWAY LIGHTING		MEDIUM INTENSITY	MEDIUM INTENSITY
TAXIWAY LIGHTING		REFLECTORS MITL	REFLECTORS MITL
RUNWAY MARKING		VISUAL	SAME
WIND COVERAGE (%) - 12/15 MPH		97.3/99.2	SAME

TAXIWAY	WIDTH	TAXIWAY TSA	TAXIWAY OFA	TAXILANE OFA	SHOULDER WIDTH	EDGE SAFETY MARGIN
TAXIWAY A	25'	49'	89'	79'	10'	5'

*EXISTING TAXILANE A OFA IS SMALLER THAN LISTED STANDARD DUE TO CURRENT HANGAR POSITIONS.

FACILITY IDENTIFICATION KEY		ELEV (MSL)	FACILITY IDENTIFICATION KEY		ELEV (MSL)
1.	FBO	ELEV = 655.2'	30.	FUTURE HANGAR	ELEV = TBD
2.	EXISTING HANGAR	ELEV = 660.0'	31.	FUTURE HANGAR	ELEV = TBD
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6.	EXISTING HANGAR	ELEV = 661.2'	35.	FUTURE HANGAR	ELEV = TBD
7.	EXISTING HANGAR	ELEV = 662.1'	36.	FUTURE HANGAR	ELEV = TBD
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11.	EXISTING HANGAR	ELEV = 654.9'	40.	FUTURE HANGAR	ELEV = TBD
12.	EXISTING HANGAR	ELEV = 657.3'	41.	FUTURE HANGAR	ELEV = TBD
13.	EXISTING HANGAR	ELEV = 655.3'	42.	FUTURE HANGAR	ELEV = TBD
14.	EXISTING HANGAR	ELEV = 656.4'	43.	FUTURE HANGAR	ELEV = TBD
15.	EXISTING HANGAR	ELEV = 657.0'	44.	FUTURE HANGAR	ELEV = TBD
16.	EXISTING HANGAR	ELEV = 650.6'	45.	FUTURE HANGAR	ELEV = TBD
17.	EXISTING HANGAR	ELEV = 666.5'	46.	FUTURE HANGAR	ELEV = TBD
18.	EXISTING HANGAR	ELEV = 663.9'	47.	FUTURE HANGAR	ELEV = TBD
19.	EXISTING HANGAR	ELEV = 656.8'	48.	FUTURE CORPORATE HANGAR	ELEV = TBD
20.	EXISTING HANGAR	ELEV = 657.9'	49.	FUTURE CORPORATE HANGAR	ELEV = TBD
21.	EXISTING HANGAR	ELEV = 665.9'	50.	FUTURE CORPORATE HANGAR	ELEV = TBD
22.	EXISTING HANGAR	ELEV = 657.3'	51.	FUTURE HANGAR	ELEV = TBD
23.	EXISTING HANGAR	ELEV = 660.2'	52.	FUTURE HANGAR	ELEV = TBD
24.	EXISTING HANGAR	ELEV = 660.8'	53.	FUTURE HANGAR	ELEV = TBD
25.	EXISTING SHOP/ HANGAR	ELEV = 662.4'	54.	PARKING AREA (FUTURE)	ELEV = TBD
26.	TIE DOWN AREA	ELEV = VARIES	55.	FUTURE HELIPORT	ELEV = TBD
27.	APRON AREA	ELEV = VARIES	56.	TIE DOWN AREA	ELEV = VARIES
28.	APRON AREA (FUTURE)	ELEV = TBD	57.	FUELING AREA	ELEV = 651.8'
29.	FUTURE HANGAR	ELEV = TBD			

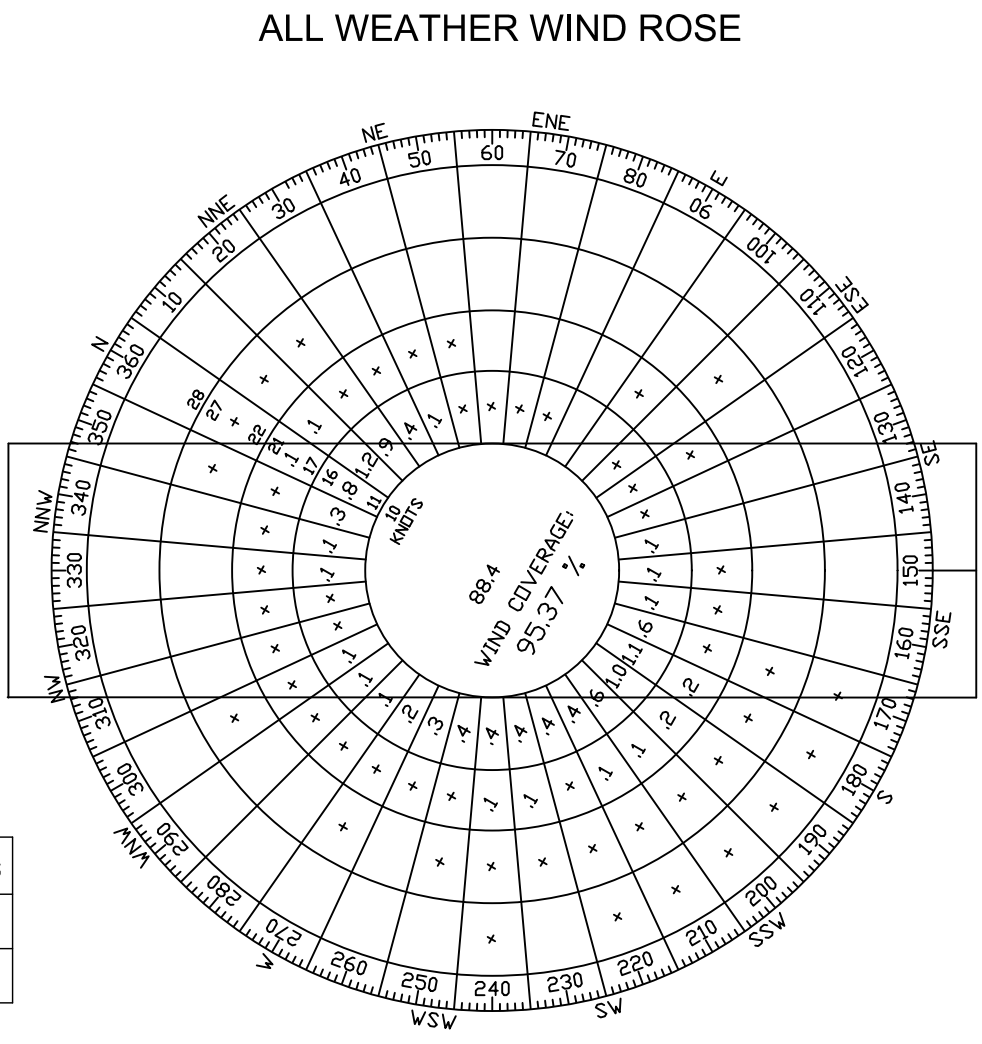


AIRPORT DATA		
DATUM NOTES: HORIZONTAL DATUM NAD 1983 VERTICLE DATUM NAVD 1988 CONTOURS SHOWN ARE NAVD 1929		
ITEM	EXISTING	FUTURE
DATUM FOR ALL ITEMS	NAD 1983	SAME
AIRPORT ELEVATION (MSL)	641'	SAME
AIRPORT REFERENCE POINT	LAT: 43°48'14" LONG: 123°01'55"	SAME
MEAN MAXIMUM DAILY TEMPERATURE	82° F	SAME
AIRPORT REFERENCE CODE	B-I (SMALL)	SAME
NPIAS ROLE	GENERAL AVIATION	SAME
STATE AIRPORT EQUIVALENT ROLE	LEVEL 3	SAME
LAND OWNED IN FEE (ACRES)	SEE EXHIBIT A 74	PROPOSED 86.7
AIRPORT CODE	61S	SAME
TRANSIENT AIRCRAFT SPACES	30	40

TAXIWAY	CURRENT TDG	FUTURE TDG	CURRENT ADG	FUTURE ADG
TAXIWAY A	1A	1A	I	I
TAXILANE A	1A	1A	I	I

HELIPORT	TLOF	FATO	SAFETY AREA	HPZ
HELIPORT	34'X34'	60'X60'	100'X100'	280'X60'X90'

*HELIPORT CRITICAL AIRCRAFT ASSUMPTION: JET RANGER 206



WIND DATA OBSERVED FROM 2009 TO 2018
MAHLON SWEET FIELD AIRPORT, EUGENE, OR
OBTAINED FROM FAA AIRPORTS GIS WINDROSE FILE GENERATOR
HTTP://AIRPORTS-GIS.FAA.GOV/WINDROSE/

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FAA APPROVAL

DECLARED DISTANCES		EXISTING
		15 33
TAKEOFF RUN AVAILABLE (TORA)		3200' 3200'
TAKEOFF DISTANCE AVAILABLE (TODA)		3200' 3200'
ACCELERATE - STOP DISTANCE AVAILABLE (ASDA)		3200' 3200'
LANDING DISTANCE AVAILABLE (LDA)		3200' 3200'

ALL WEATHER WIND DATA TABLE	
CROSS WIND COMPONENT	10.5 KNOTS
RUNWAY 15	62.02%
RUNWAY 33	55.31%
RUNWAY 15/33	95.37%

IFR WIND DATA TABLE	
CROSS WIND COMPONENT	10.5 KNOTS
RUNWAY 15	68.32%
RUNWAY 33	71.68%
RUNWAY 15/33	99.25%

VFR WIND DATA TABLE	
CROSS WIND COMPONENT	10.5 KNOTS
RUNWAY 15	60.45%
RUNWAY 33	51.92%
RUNWAY 15/33	94.55%

LEGEND		
ITEM	EXISTING	FUTURE
AIRFIELD PAVEMENT		
ACCESS ROAD/VEHICLE PARKING	N/A	
EXISTING PAVEMENT TO BE REMOVED		
PERIMETER FENCE		
RUNWAY SAFETY AREA		SAME
RUNWAY OBJECT FREE AREA		SAME
AIRPORT PROPERTY LINE		
TAXIWAY CENTERLINE		
PAPI UNITS		SAME
BUILDING RESTRICTION LINE		SAME
AIRPORT PROPERTY ACQUISITION		
BUILDINGS		
TOPOGRAPHIC CONTOURS (2 FT)		SAME
WIND CONE		SAME
AIRPORT REFERENCE POINT (ARP)		SAME
THRESHOLD LIGHTS		SAME
RUNWAY PROTECTION ZONE		SAME
CREEK/STREAM		
AWOS		
TREE CLEARING AREAS		
AIRPORT SURVEY MONUMENTS		

SHEET INFO		REVISIONS	
DESIGNED	ALB	NO.	BY
DRAWN	ALB	DATE	REMARKS
CHECKED	RS		
APPROVED	----		
LAST EDIT	4/1/2019		
PLOT DATE	4/1/2019		
SUBMITTAL			

TERMINAL PLAN EAST			SHEET NUMBER	
OREGON DEPARTMENT OF AVIATION COTTAGE GROVE, OR				
PROJECT NUMBER P0019739W	DRAWING FILE NAME COT-ALP-C1-C4	SCALE AS SHOWN		

C3

[DATE: 4/1/2019 10:38 AM] [AUTHOR: abird] [PLOTTER: _AutoCAD PDF (General Documentation).pc3] [STYLE: WHP-Standard.ctb] [PATH: P:\Oregon Dept. of Aviation (ODA)\P0020107W\Execution\Drawings\ALP_Sheets\COT-ALP-C1-C4.dwg] [LAYOUT: C4]

RUNWAY DATA		
ITEM	RUNWAY 15-33	
	EXISTING	FUTURE
RUNWAY REFERENCE CODE (RRC)	B-I (SMALL)	SAME
RUNWAY DESIGN CODE (RDC)	B-I-VIS (SMALL)	SAME
PHYSICAL LENGTH AND WIDTH	3200' X 60'	SAME
EFFECTIVE GRADIENT	0.37%	SAME
PAVEMENT STRENGTH (WHEEL-POUNDS)	SINGLE - 12,500	SINGLE - 12,500
PAVEMENT SURFACE	ASPHALT	SAME
RUNWAY SAFETY AREA	3680' X 120'	SAME
OBJECT FREE AREA	3680' X 250'	SAME
OBJECT FREE ZONE	NO OFZ OBJECT PENETRATIONS	
CRITICAL AIRCRAFT	BEECH BARON 58	SAME
AERONAUTICAL SURVEY REQUIRED	NVG	SAME
APPROACH VISIBILITY MINIMUMS	VISUAL	SAME
RUNWAY PROTECTION ZONE	15	1000'X250'X450'
	33	1000'X250'X450'
APPROACH TYPE	15	VISUAL
	33	VISUAL
APPROACH SLOPE: REQUIRED/CLEAR	15	20:1/20:1
	33	20:1/20:1
APPROACH AND LANDING AIDS	15	PAPI-4
	33	PAPI-4
RUNWAY END	15	Latitude 43°48'30.10"
		Longitude 123°02'00.20"
COORDINATES	33	Latitude 43°47'59.40"
		Longitude 123°01'50.50"
RUNWAY LIGHTING	MEDIUM INTENSITY	MEDIUM INTENSITY
TAXIWAY LIGHTING	REFLECTORS MITL	REFLECTORS MITL
RUNWAY MARKING	VISUAL	SAME
WIND COVERAGE (%) - 12/15 MPH	97.3/99.2	SAME

TAXIWAY	WIDTH	TAXIWAY TSA	TAXIWAY OFA	TAXILANE OFA	SHOULDER WIDTH	EDGE SAFETY MARGIN
TAXIWAY A	25'	49'	89'	79'	10'	5'

*EXISTING TAXILANE A OFA IS SMALLER THAN LISTED STANDARD DUE TO CURRENT HANGAR POSITIONS.

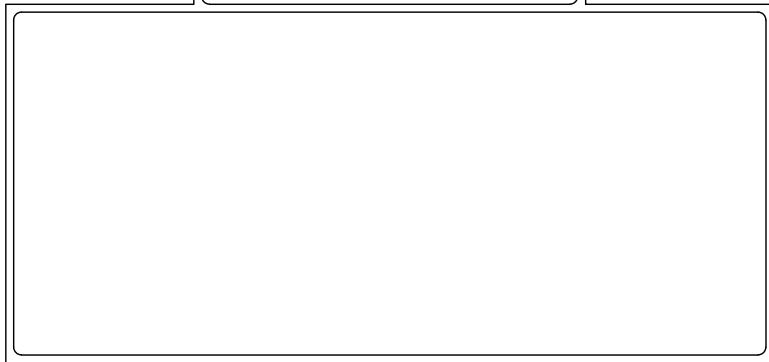
FACILITY IDENTIFICATION KEY		ELEV (MSL)	FACILITY IDENTIFICATION KEY		ELEV (MSL)
1.	FBO	ELEV = 655.2'	30.	FUTURE HANGAR	ELEV = TBD
2.	EXISTING HANGAR	ELEV = 660.0'	31.	FUTURE HANGAR	ELEV = TBD
3.	EXISTING HANGAR	ELEV = 662.6'	32.	FUTURE HANGAR	ELEV = TBD
4.	EXISTING HANGAR	ELEV = 661.6'	33.	FUTURE HANGAR	ELEV = TBD
5.	EXISTING HANGAR	ELEV = 661.2'	34.	FUTURE HANGAR	ELEV = TBD
6.	EXISTING HANGAR	ELEV = 661.2'	35.	FUTURE HANGAR	ELEV = TBD
7.	EXISTING HANGAR	ELEV = 662.1'	36.	FUTURE HANGAR	ELEV = TBD
8.	EXISTING HANGAR	ELEV = 658.6'	37.	FUTURE HANGAR	ELEV = TBD
9.	EXISTING HANGAR	ELEV = 657.0'	38.	FUTURE HANGAR	ELEV = TBD
10.	EXISTING HANGAR	ELEV = 656.8'	39.	FUTURE HANGAR	ELEV = TBD
11.	EXISTING HANGAR	ELEV = 654.9'	40.	FUTURE HANGAR	ELEV = TBD
12.	EXISTING HANGAR	ELEV = 657.3'	41.	FUTURE HANGAR	ELEV = TBD
13.	EXISTING HANGAR	ELEV = 655.3'	42.	FUTURE HANGAR	ELEV = TBD
14.	EXISTING HANGAR	ELEV = 656.4'	43.	FUTURE HANGAR	ELEV = TBD
15.	EXISTING HANGAR	ELEV = 657.0'	44.	FUTURE HANGAR	ELEV = TBD
16.	EXISTING HANGAR	ELEV = 650.6'	45.	FUTURE HANGAR	ELEV = TBD
17.	EXISTING HANGAR	ELEV = 666.5'	46.	FUTURE HANGAR	ELEV = TBD
18.	EXISTING HANGAR	ELEV = 663.9'	47.	FUTURE HANGAR	ELEV = TBD
19.	EXISTING HANGAR	ELEV = 656.8'	48.	FUTURE CORPORATE HANGAR	ELEV = TBD
20.	EXISTING HANGAR	ELEV = 657.9'	49.	FUTURE CORPORATE HANGAR	ELEV = TBD
21.	EXISTING HANGAR	ELEV = 665.9'	50.	FUTURE CORPORATE HANGAR	ELEV = TBD
22.	EXISTING HANGAR	ELEV = 657.3'	51.	FUTURE HANGAR	ELEV = TBD
23.	EXISTING HANGAR	ELEV = 660.2'	52.	FUTURE HANGAR	ELEV = TBD
24.	EXISTING HANGAR	ELEV = 660.8'	53.	FUTURE HANGAR	ELEV = TBD
25.	EXISTING SHOP/ HANGAR	ELEV = 662.4'	54.	PARKING AREA (FUTURE)	ELEV = TBD
26.	TIE DOWN AREA	ELEV = VARIES	55.	FUTURE HELIPORT	ELEV = TBD
27.	APRON AREA	ELEV = VARIES	56.	TIE DOWN AREA	ELEV = VARIES
28.	APRON AREA (FUTURE)	ELEV = TBD	57.	FUELING AREA	ELEV = 651.8'
29.	FUTURE HANGAR	ELEV = TBD			



AIRPORT DATA		
DATUM NOTES: HORIZONTAL DATUM NAD 1983 VERTICLE DATUM NAVD 1988 CONTOURS SHOWN ARE NAVD 1929		
ITEM	EXISTING	FUTURE
DATUM FOR ALL ITEMS	NAD 1983	SAME
AIRPORT ELEVATION (MSL)	641'	SAME
AIRPORT REFERENCE POINT	LAT: 43°48'14" LONG: 123°01'55"	SAME
MEAN MAXIMUM DAILY TEMPERATURE	82° F	SAME
AIRPORT REFERENCE CODE	B-I (SMALL)	SAME
NPIAS ROLE	GENERAL AVIATION	SAME
STATE AIRPORT EQUIVALENT ROLE	LEVEL 3	SAME
LAND OWNED IN FEE (ACRES)	SEE EXHIBIT A 74	PROPOSED 86.7
AIRPORT CODE	61S	SAME
TRANSIENT AIRCRAFT SPACES	30	40

- NOTES:
- MUCH OF THE COTTAGE GROVE AIRPORT LIES WITHIN A DESIGNATED FLOOD PLAIN AREA.
 - PERIMETER FENCING AROUND PORTIONS OF THE AIRPORT HAS A HEIGHT OF ±7'.
 - SEE TERMINAL PLANS FOR APRON AREAS.

FAA APPROVAL

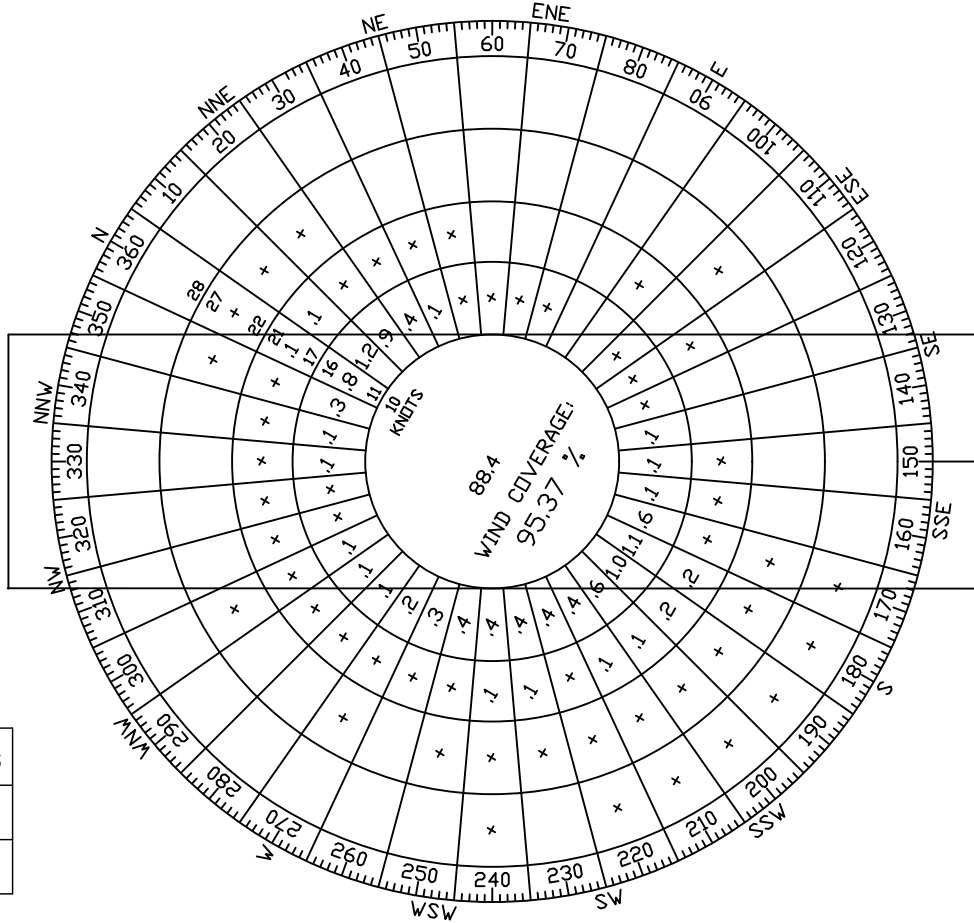


TAXIWAY	CURRENT TDG	FUTURE TDG	CURRENT ADG	FUTURE ADG
TAXIWAY A	1A	1A	I	I
TAXILANE A	1A	1A	I	I

HELIPORT	TLOF	FATO	SAFETY AREA	HPZ
HELIPORT	34'X34'	60'X60'	100'X100'	280'X60'X90'

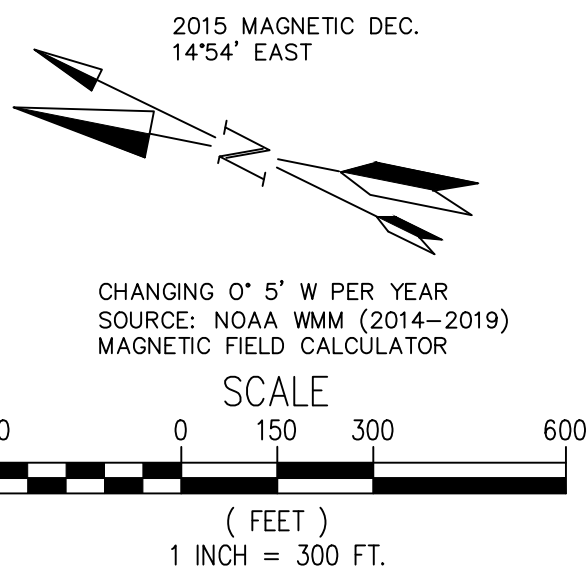
*HELIPORT CRITICAL AIRCRAFT ASSUMPTION: JET RANGER 206

ALL WEATHER WIND ROSE



WIND DATA OBSERVED FROM 2009 TO 2018
MAHLON SWEET FIELD AIRPORT, EUGENE, OR
OBTAINED FROM FAA AIRPORTS GIS WINDROSE FILE GENERATOR
HTTP://AIRPORTS-GIS.FAA.GOV/WINDROSE/

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DECLARED DISTANCES		
	EXISTING	
	15	33
TAKEOFF RUN AVAILABLE (TORA)	3200'	3200'
TAKEOFF DISTANCE AVAILABLE (TODA)	3200'	3200'
ACCELERATE - STOP DISTANCE AVAILABLE (ASDA)	3200'	3200'
LANDING DISTANCE AVAILABLE (LDA)	3200'	3200'

ALL WEATHER WIND DATA TABLE	
CROSS WIND COMPONENT	10.5 KNOTS
RUNWAY 15	62.02%
RUNWAY 33	55.31%
RUNWAY 15/33	95.37%

IFR WIND DATA TABLE	
CROSS WIND COMPONENT	10.5 KNOTS
RUNWAY 15	68.32%
RUNWAY 33	71.68%
RUNWAY 15/33	99.25%

VFR WIND DATA TABLE	
CROSS WIND COMPONENT	10.5 KNOTS
RUNWAY 15	60.45%
RUNWAY 33	51.92%
RUNWAY 15/33	94.55%

LEGEND

ITEM	EXISTING	FUTURE
AIRFIELD PAVEMENT		
ACCESS ROAD/VEHICLE PARKING	N/A	
EXISTING PAVEMENT TO BE REMOVED		
PERIMETER FENCE		
RUNWAY SAFETY AREA		SAME
RUNWAY OBJECT FREE AREA		SAME
AIRPORT PROPERTY LINE		
TAXIWAY CENTERLINE		
PAPI UNITS		SAME
BUILDING RESTRICTION LINE		SAME
AIRPORT PROPERTY ACQUISITION		
BUILDINGS		
TOPOGRAPHIC CONTOURS (2 FT)		SAME
WIND CONE		SAME
AIRPORT REFERENCE POINT (ARP)		SAME
THRESHOLD LIGHTS		SAME
RUNWAY PROTECTION ZONE		SAME
CREEK/STREAM		
AWOS		
TREE CLEARING AREAS		
AIRPORT SURVEY MONUMENTS		

WHPacific



SHEET INFO	
DESIGNED	ALB
DRAWN	ALB
CHECKED	RS
APPROVED	----
LAST EDIT	4/1/2019
PLOT DATE	4/1/2019
SUBMITTAL	

REVISIONS			
NO.	BY	DATE	REMARKS

TERMINAL PLAN WEST

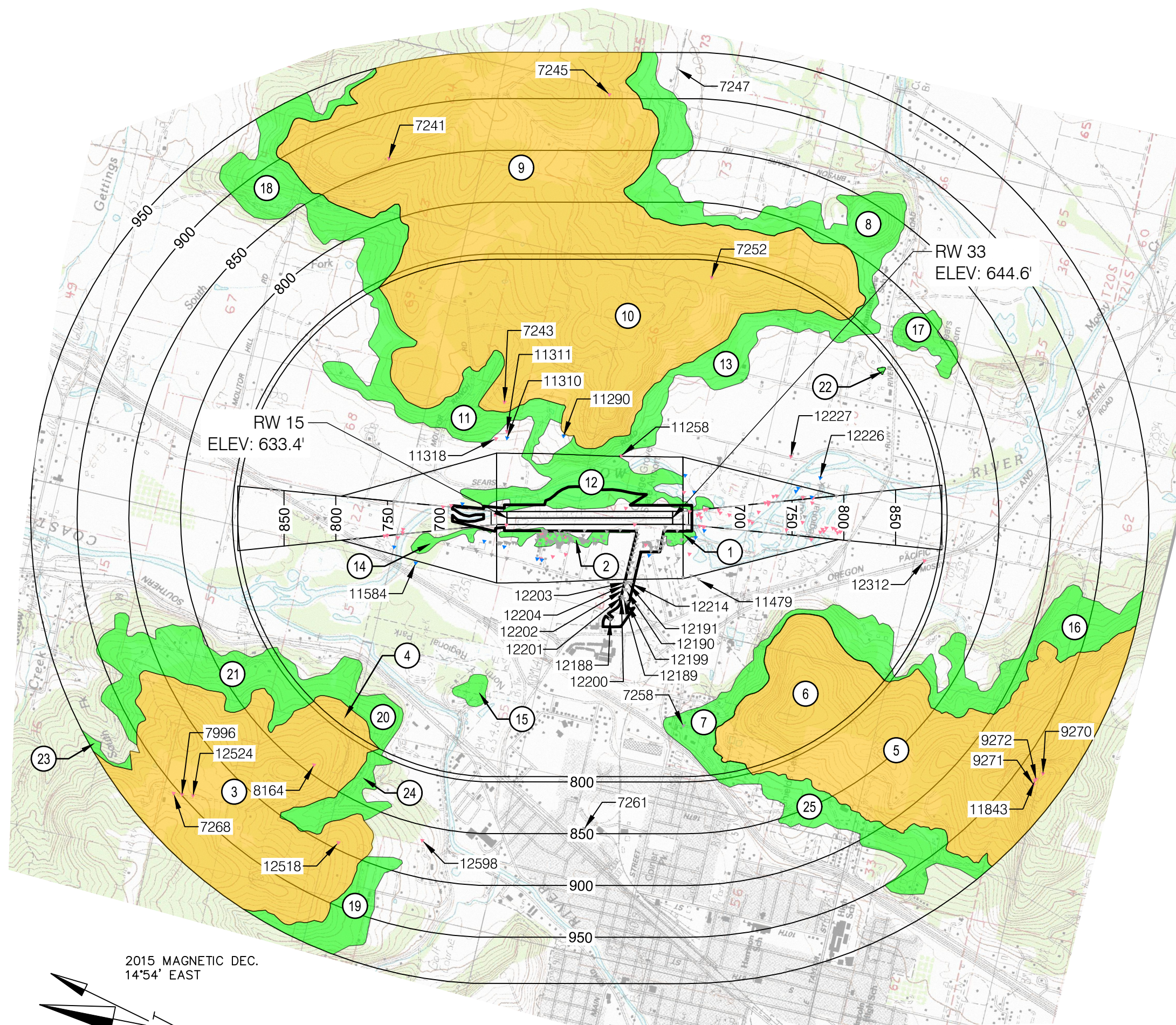
OREGON DEPARTMENT OF AVIATION
COTTAGE GROVE, OR

PROJECT NUMBER P0019739W	DRAWING FILE NAME COT-ALP-C1-C4	SCALE AS SHOWN
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SHEET NUMBER

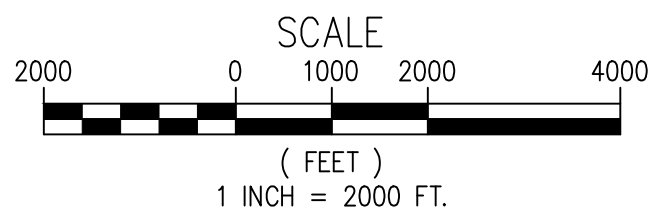
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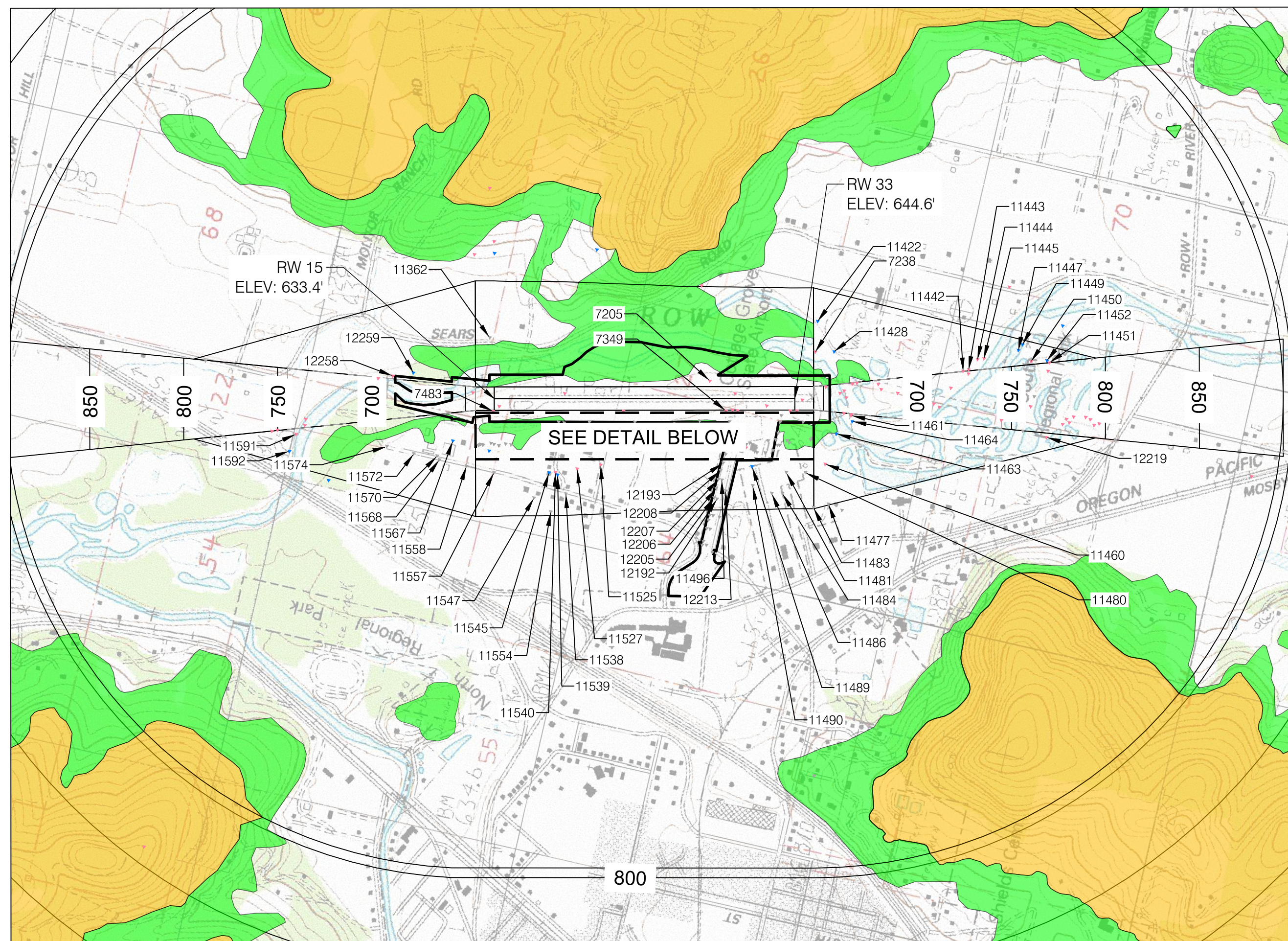


AIRPORT AIRSPACE
HORIZONTAL & CONICAL OBSTRUCTIONS
SCALE: 1" = 2000' HORZ

QUAD MAP DATE: 2017

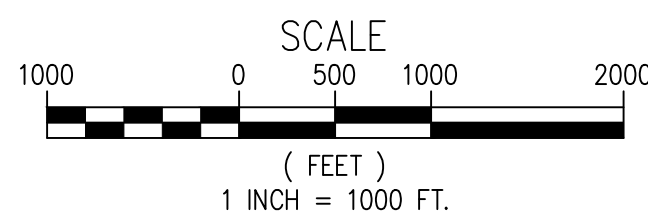


DRAWING LEGEND	
RUNWAY PROTECTION ZONE	
AIRPORT PROPERTY LINE	
FAR PART 77 SURFACE	
PENETRATING OBSTRUCTION	
NON-PENETRATING OBSTRUCTION	
NON-PENETRATING TREES (<10' CLEARANCE)	
MAJOR GRIDLINE	
MINOR GRIDLINE	
COMPOSITE LANDMASS OBSTRUCTION AREA	
COMPOSITE TREE OBSTRUCTION AREA	
*SEE SHEETS C10 AND C11 FOR CONICAL, HORIZONTAL AND TRANSITIONAL OBSTRUCTION TABLES.	



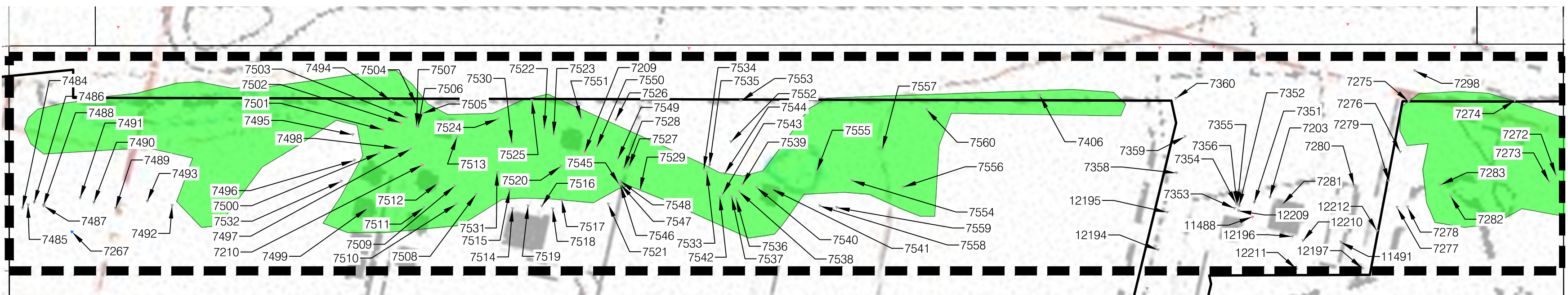
AIRPORT AIRSPACE
TRANSVERSE OBSTRUCTIONS
SCALE: 1" = 1000' HORZ

QUAD MAP DATE: 2017



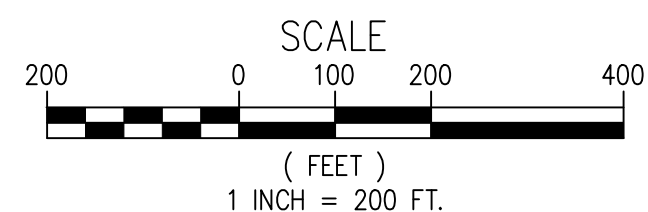
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OBSTRUCTION GROUP NUMBER	GROUP	TALLEST OBSTRUCTION NUMBER	TALLEST ELEVATION	CONTROLLING SURFACE	OBSTRUCTION GROUP NUMBER	GROUP	TALLEST OBSTRUCTION NUMBER	TALLEST ELEVATION	CONTROLLING SURFACE
1	TREES	7214	748.9	TRANSITIONAL	14	TREES	11577	769.6	TRANSITIONAL
2	TREES	7263	754.4	TRANSITIONAL	15	TREES	11615	829.5	HORIZONTAL
3	TERRAIN	7984	1348.3	CONICAL	16	TREES	12369	1139.3	CONICAL
4	TREES	8154	955.2	HORIZONTAL	17	TREES	12377	963.5	CONICAL
5	TERRAIN	9299	1506.1	CONICAL	18	TREES	12451	1149.4	CONICAL
6	TERRAIN	9559	1263.3	HORIZONTAL	19	TREES	12490	1107	CONICAL
7	TREES	9664	956.8	HORIZONTAL	20	TREES	12540	885.6	HORIZONTAL
8	TREES	10010	1093.4	CONICAL	21	TREES	12578	1061.4	CONICAL
9	TERRAIN	10046	1399.6	CONICAL	22	TREES	12597	814.8	HORIZONTAL
10	TERRAIN	11029	1235.8	HORIZONTAL	23	TREES	12599	994.8	CONICAL
11	TREES	11116	954.2	HORIZONTAL	24	TREES	12601	1012	CONICAL
12	TREES	11282	941	TRANSITIONAL	25	TREES	12613	1128	CONICAL
13	TREES	11285	957.8	HORIZONTAL					

*SEE SHEETS C10 AND C11 FOR CONICAL, HORIZONTAL AND TRANSITIONAL OBSTRUCTION TABLES.



AIRPORT AIRSPACE
TRANSVERSE OBSTRUCTIONS
SCALE: 1" = 200' HORZ

CHANGING 0° 5' W PER YEAR



WHPacific



SHEET INFO	
DESIGNED	ALB
DRAWN	ALB
CHECKED	RS
APPROVED	----
LAST EDIT	4/1/2019
PLOT DATE	4/1/2019
SUBMITTAL	

REVISIONS			
NO.	BY	DATE	REMARKS

AIRSPACE PLAN (1 OF 2)

OREGON DEPARTMENT OF AVIATION
COTTAGE GROVE, OR

PROJECT NUMBER
P0020107W

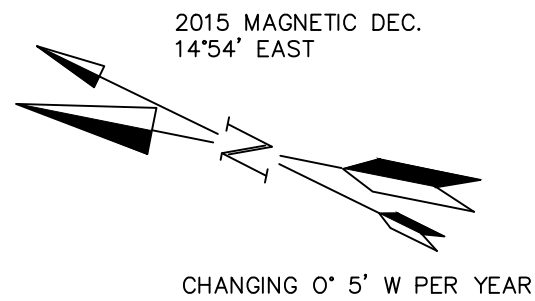
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SCALE
AS SHOWN

SHEET NUMBER

C5

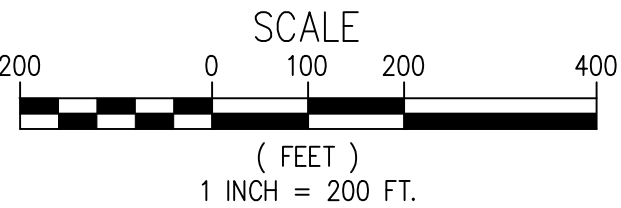
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AIRPORT AIRSPACE
PRIMARY OBSTRUCTIONS

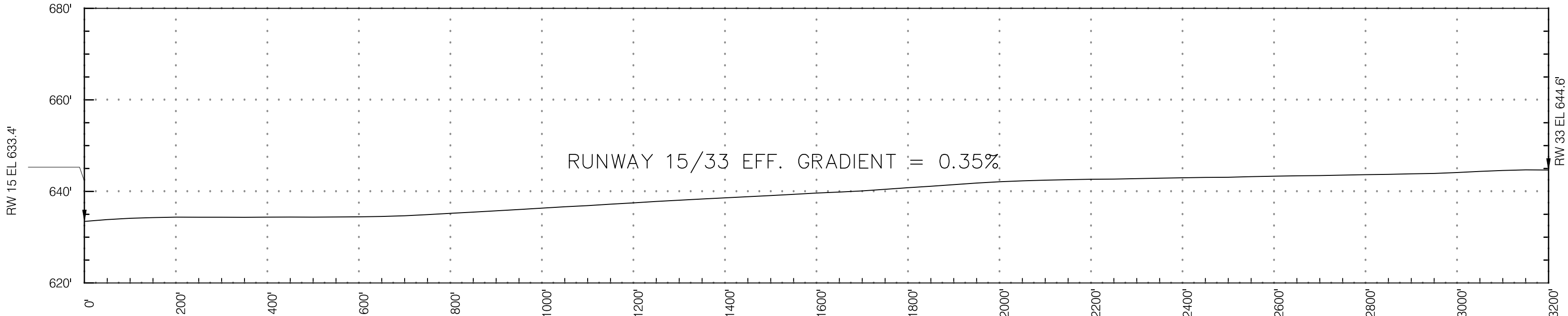
SCALE: 1" = 200' HORZ

QUAD MAP DATE: 2017



DRAWING LEGEND	
RUNWAY PROTECTION ZONE	
AIRPORT PROPERTY LINE	
FAR PART 77 SURFACE	
PENETRATING OBSTRUCTION	
NON-PENETRATING OBSTRUCTION	
NON-PENETRATING TREES (<10' CLEARANCE)	
MAJOR GRIDLINE	
MINOR GRIDLINE	
COMPOSITE LANDMASS OBSTRUCTION AREA	
COMPOSITE TREE OBSTRUCTION AREA	

*SEE SHEET C10 FOR PRIMARY OBSTRUCTION TABLE.



RW 15/33 PROFILE

SCALE: 1" = 200' HORZ
SCALE: 1" = 20' VERT

WHPacific



SHEET INFO	
DESIGNED	ALB
DRAWN	ALB
CHECKED	RS
APPROVED	----
LAST EDIT	4/1/2019
PLOT DATE	4/1/2019
SUBMITTAL	

REVISIONS			
NO.	BY	DATE	REMARKS

AIRSPACE PLAN (2 OF 2)

OREGON DEPARTMENT OF AVIATION
COTTAGE GROVE, OR

PROJECT NUMBER
P0020107W

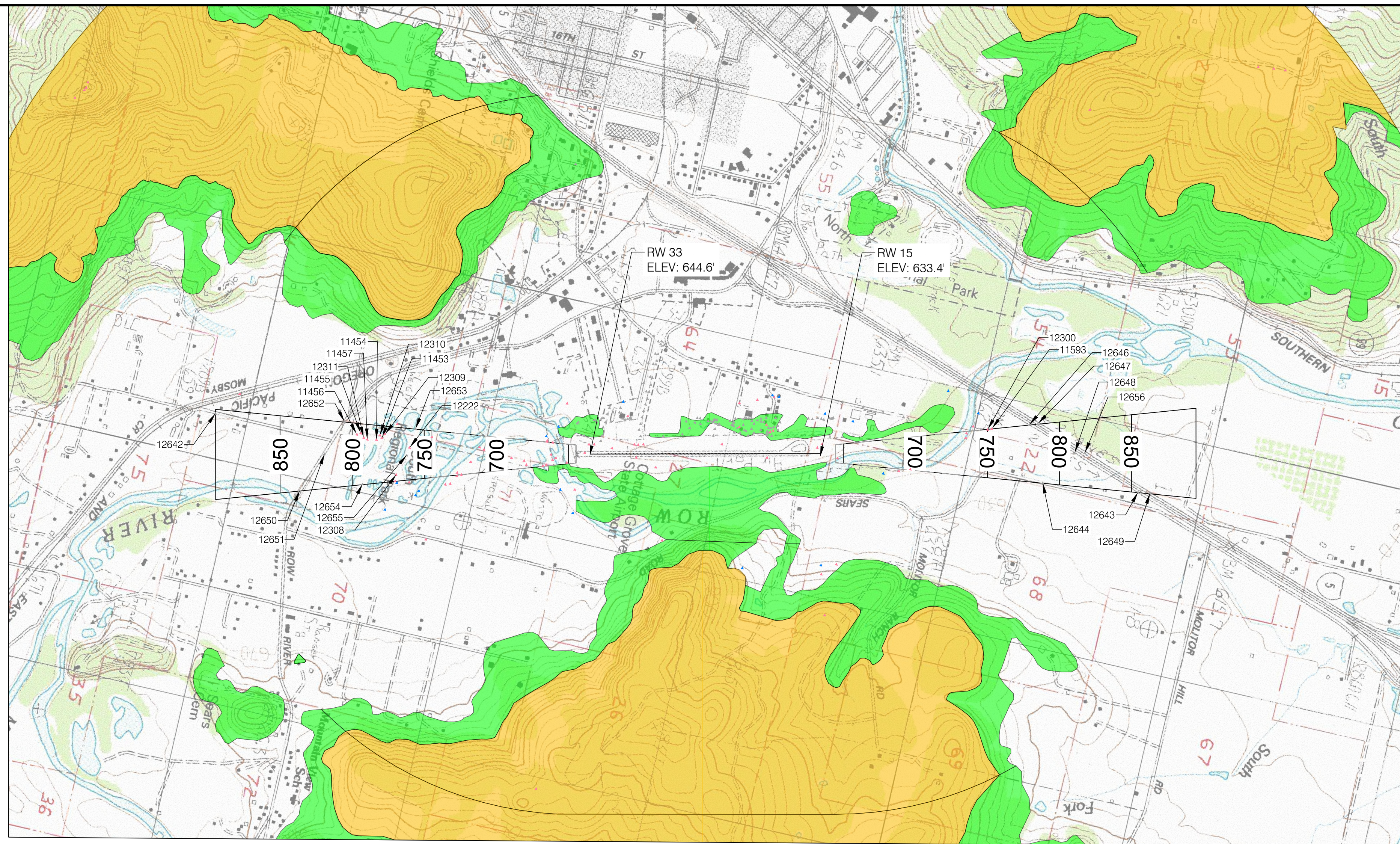
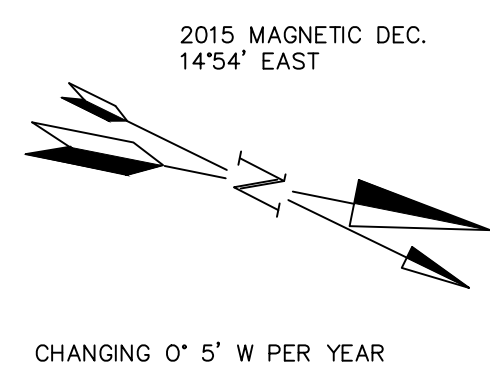
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SCALE
AS SHOWN

SHEET NUMBER

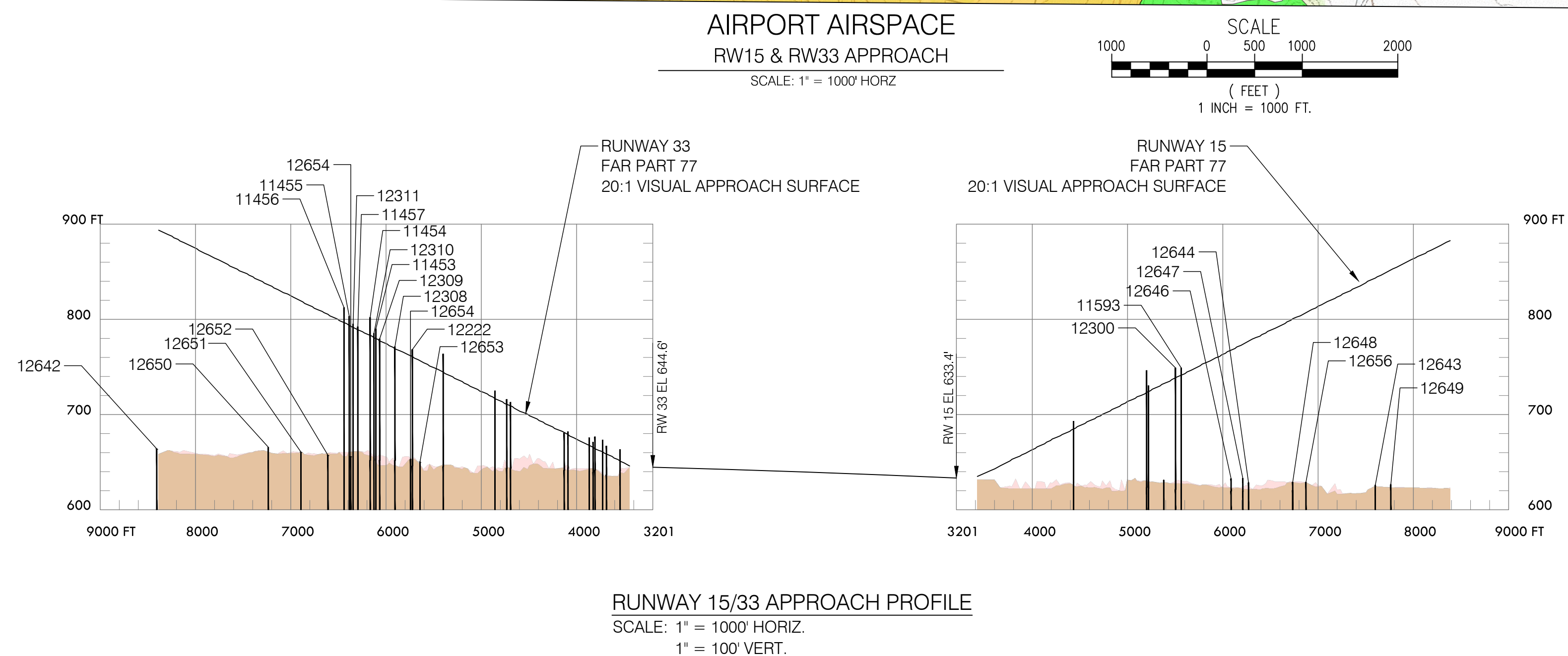
C6

[DATE: 4/1/2019 10:45 AM] [AUTHOR: abird] [PLOTTER: _AutoCAD PDF (General Documentation).pc3] [STYLE: WHP--Standard.ctb]
[PATH: P:\Oregon Dept. of Aviation (ODA)\P0020107W\Execution Drawings\Planning\ALP\Sheets\COT-ALP-C7.awg] [LAYOUT: C7]



DRAWING LEGEND	
RUNWAY PROTECTION ZONE	
AIRPORT PROPERTY LINE	
FAR PART 77 SURFACE	
PENETRATING OBSTRUCTION	
NON PENETRATING OBSTRUCTION	
NON-PENETRATING TREES (<10' CLEARANCE)	
MAJOR GRIDLINE	
MINOR GRIDLINE	
COMPOSITE OF HIGHEST TERRAIN	
TERRAIN CENTERLINE ELEVATION	
COMPOSITE LANDMASS OBSTRUCTION AREA	
COMPOSITE TREE OBSTRUCTION AREA	

*SEE SHEET C11 FOR RUNWAY 15 AND 33 APPROACH OBSTRUCTION TABLES.



		SHEET INFO		REVISIONS					AIRSPACE APPROACH			SHEET NUMBER
		DESIGNED	ALB	NO.	BY	DATE	REMARKS		OREGON DEPARTMENT OF AVIATION			
		DRAWN	ALB						COTTAGE GROVE, OR			
		CHECKED	RS						PROJECT NUMBER			
		APPROVED	---						DRAWING FILE NAME			
		LAST EDIT	3/28/2019						SCALE			
		PLOT DATE	4/1/2019						AS SHOWN			
SUBMITTAL						P0020107W			COT-ALP-C7			

[DATE: 4/1/2019 10:45 AM] [AUTHOR: abird] [PLOTTER: _AutoCAD PDF (General Documentation).pc3] [STYLE: WHP-Standard.ctb] [PATH: P:\Oregon Dept. of Aviation (ODA)\P0020107W\Execution\Drawings\Planning\ALP\Sheets\COT-ALP-C8.dwg] [LAYOUT: C8]



SHEET INFO		REVISIONS			
DESIGNED	ALB	NO.	BY	DATE	REMARKS
DRAWN	ALB				
CHECKED	RS				
APPROVED	----				
LAST EDIT	3/28/2019				
PLOT DATE	4/1/2019				
SUBMITTAL					

RW 15 INNER APPROACH

OREGON DEPARTMENT OF AVIATION
COTTAGE GROVE, OR

PROJECT NUMBER
P0020107W

DRAWING FILE NAME
COT-ALP-C8

SCALE
AS SHOWN

SHEET NUMBER

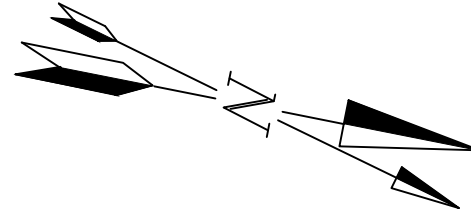
C8

DRAWING LEGEND

RUNWAY PROTECTION ZONE	
AIRPORT PROPERTY LINE	
FAR PART 77 SURFACE	
RUNWAY SAFETY AREA	
RUNWAY OBJECT FREE AREA	
BUILDING RESTRICTION LINE	
PENETRATING OBSTRUCTION	
NON PENETRATING OBSTRUCTION	
NON-PENETRATING TREES (<10' CLEARANCE)	
TOPOGRAPHIC CONTOURS (2 FT)	
MAJOR GRIDLINE	
MINOR GRIDLINE	
COMPOSITE OF HIGHEST TERRAIN	
TERRAIN CENTERLINE ELEVATION	
AIRPORT PROPERTY ACQUISITION	

*SEE SHEET C11 FOR RUNWAY 15 INNER APPROACH OBSTRUCTION TABLES.

2015 MAGNETIC DEC.
14°54' EAST

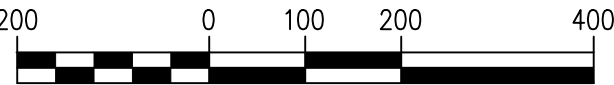


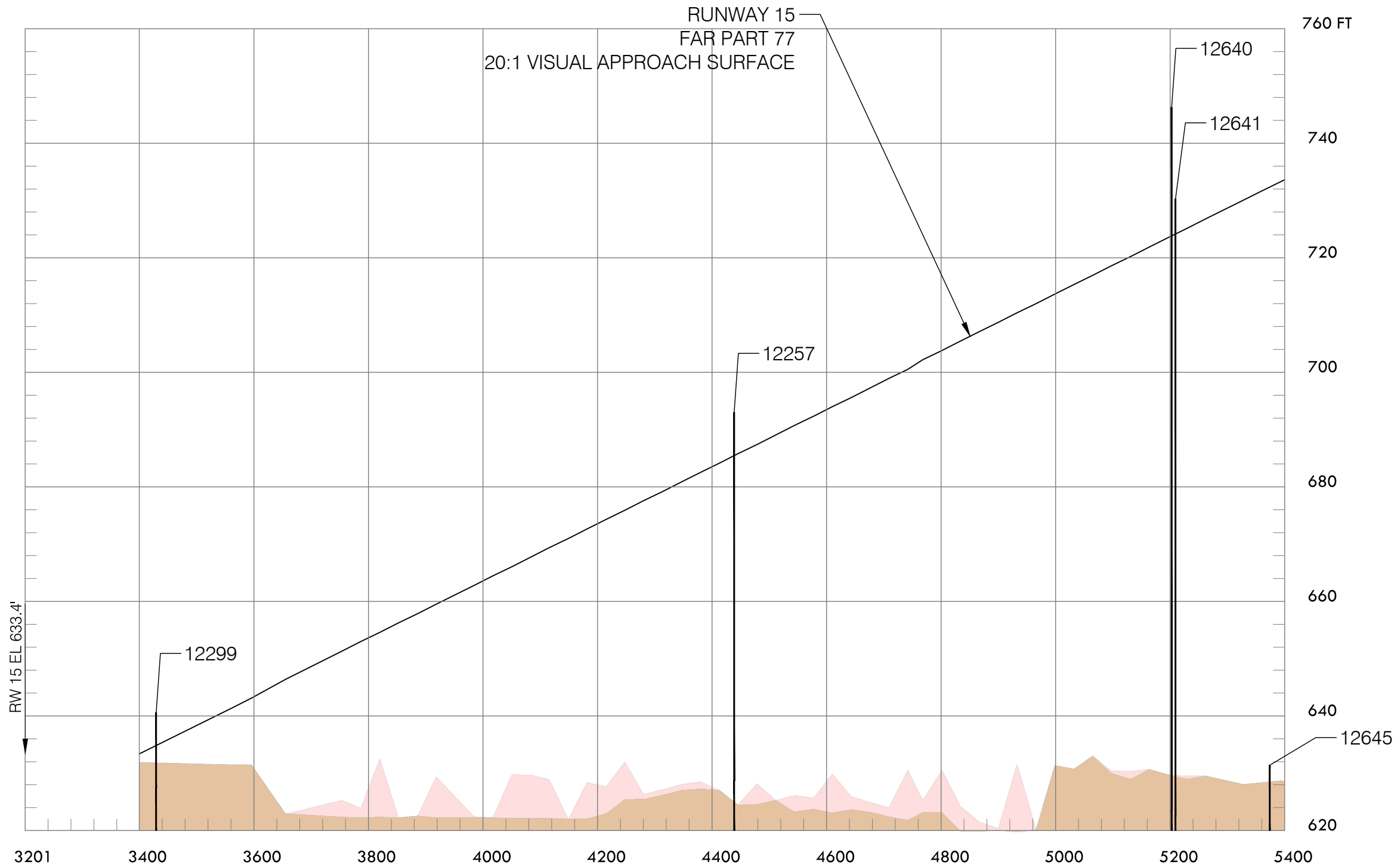
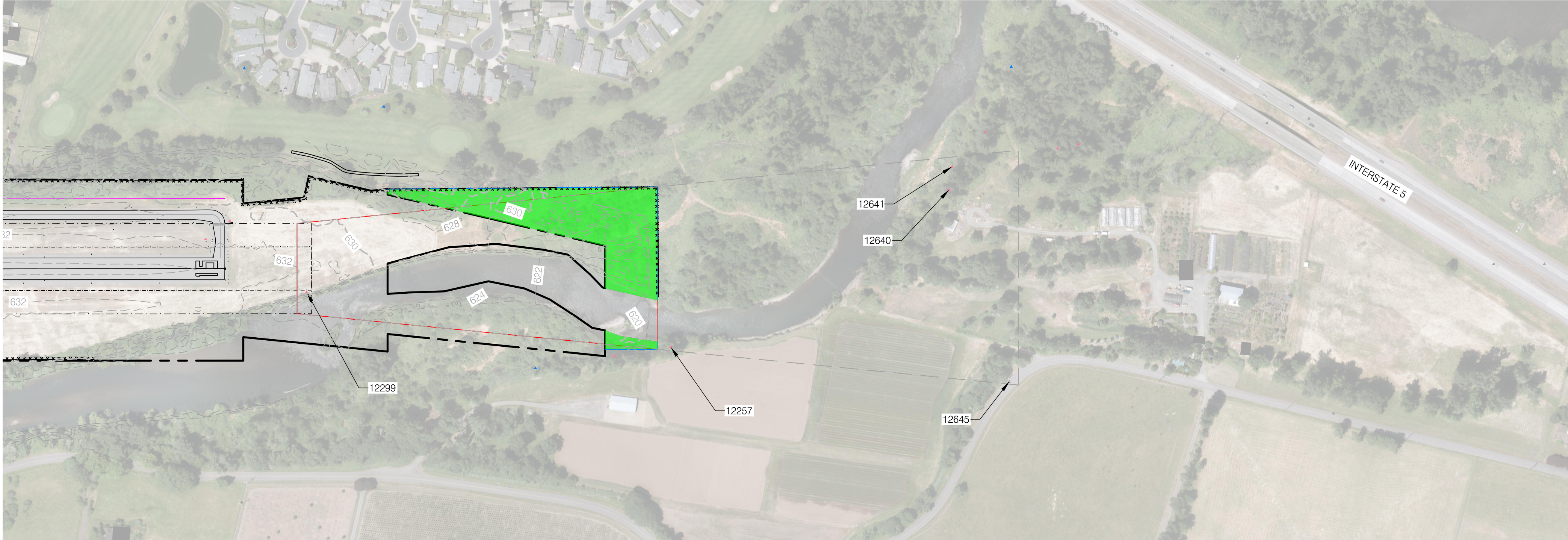
CHANGING 0° 5' W PER YEAR

SCALE

(FEET)

1 INCH = 200 FT.



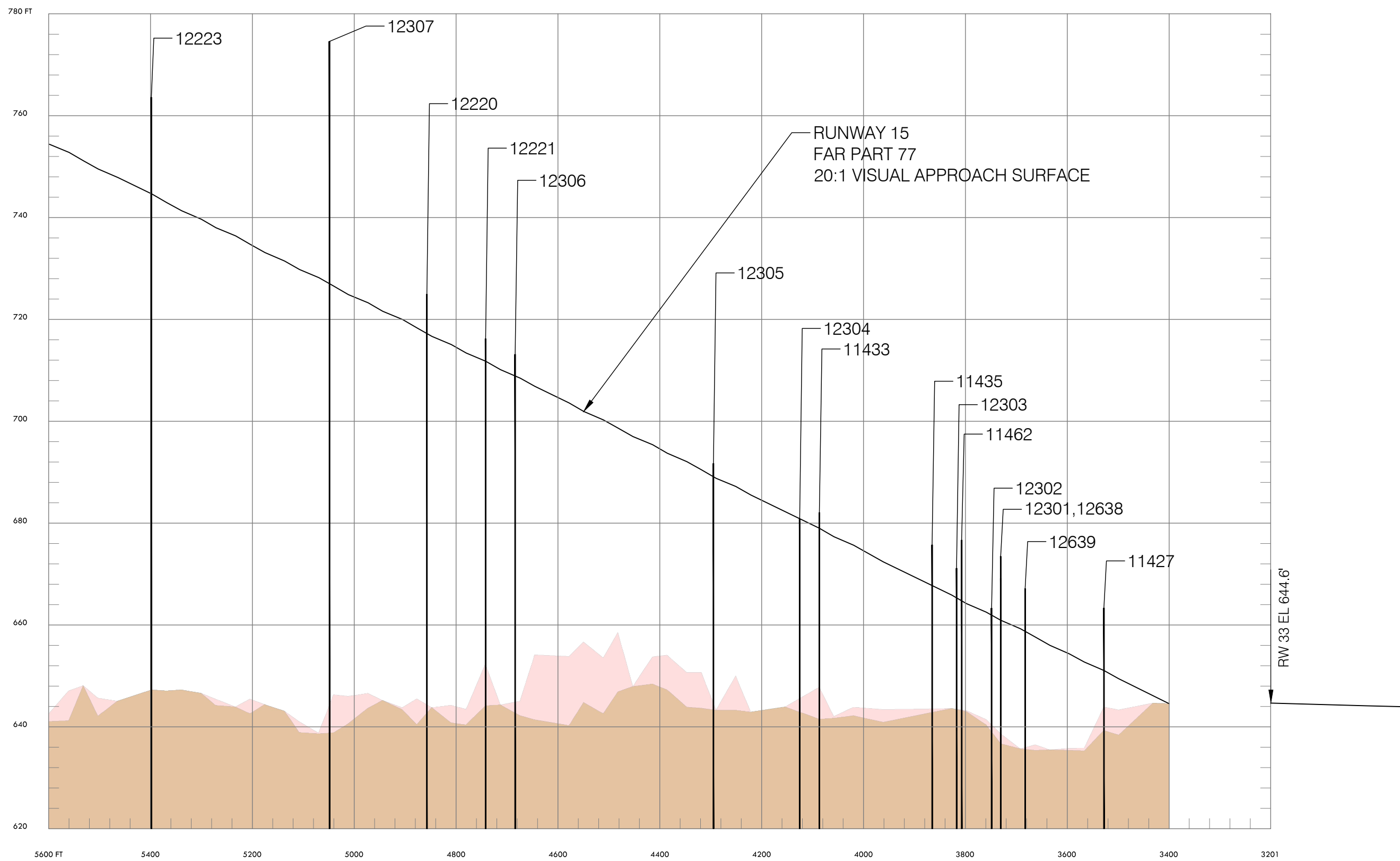
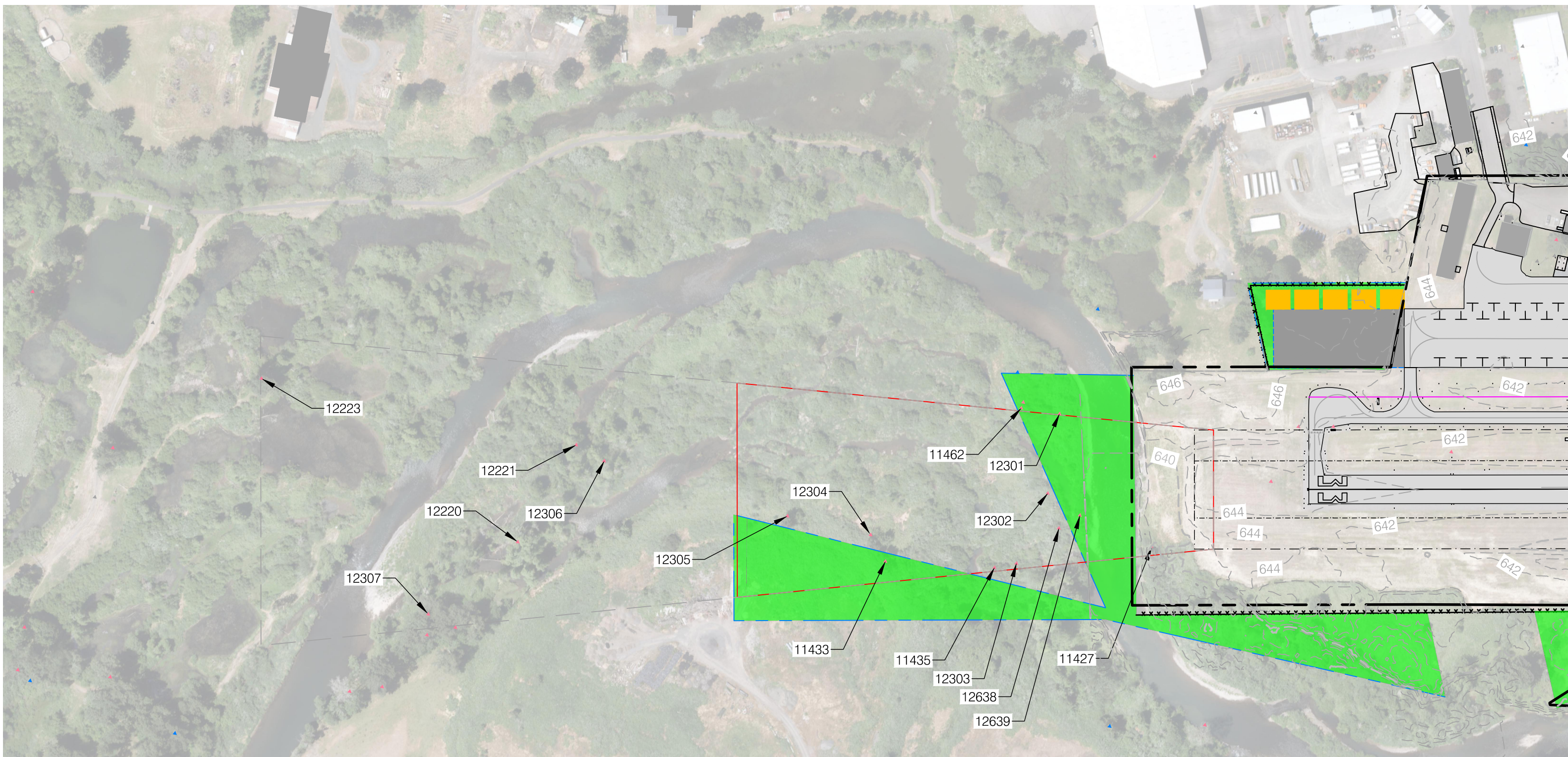
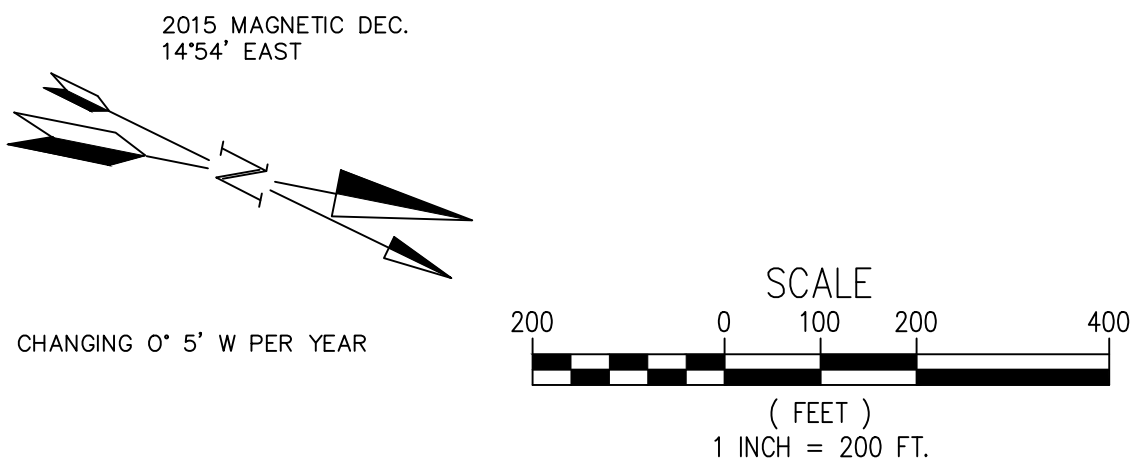


RUNWAY 15 INNER APPROACH PROFILE
SCALE: 1" = 200' HORIZ.
1" = 20' VERT.

[DATE: 4/1/2019 10:46 AM] [AUTHOR: abird] [PLOTTER: _AutoCAD PDF (General Documentation).pc3] [STYLE: WHP-Standard.ctb]
[PATH: P:\Oregon Dept. of Aviation (ODA)\P0020107W\Execution\Drawings\Planning\ALP\Sheets\COT-ALP-C9.dwg] [LAYOUT: C9]

DRAWING LEGEND	
RUNWAY PROTECTION ZONE	
AIRPORT PROPERTY LINE	
FAR PART 77 SURFACE	
RUNWAY SAFETY AREA	
RUNWAY OBJECT FREE AREA	
BUILDING RESTRICTION LINE	
PENETRATING OBSTRUCTION	
NON PENETRATING OBSTRUCTION	
NON-PENETRATING TREES (<10' CLEARANCE)	
TOPOGRAPHIC CONTOURS (2 FT)	
MAJOR GRIDLINE	
MINOR GRIDLINE	
COMPOSITE OF HIGHEST TERRAIN	
TERRAIN CENTERLINE ELEVATION	
AIRPORT PROPERTY ACQUISITION	

*SEE SHEET C9 FOR RUNWAY 33 INNER APPROACH OBSTRUCTION TABLES.



RUNWAY 33 INNER APPROACH PROFILE
SCALE: 1" = 200' HORIZ.
1" = 20' VERT.

WHPacific



SHEET INFO	
DESIGNED	ALB
DRAWN	ALB
CHECKED	RS
APPROVED	----
LAST EDIT	3/28/2019
PLOT DATE	4/1/2019
SUBMITTAL	

REVISIONS				REMARKS
NO.	BY	DATE		

RW 33 INNER APPROACH		
OREGON DEPARTMENT OF AVIATION COTTAGE GROVE, OR		
PROJECT NUMBER P0020107W	DRAWING FILE NAME COT-ALP-C9	SCALE AS SHOWN

[DATE: 4/1/2019 10:46 AM] [AUTHOR: abird] [PLOTTER: _AutoCAD PDF (General Documentation).pc3] [STYLE: WHP-Standard.ctb] [PATH: P:\Oregon Dept. of Aviation\Planning\ALP\Drawings\Execution\Drawings\Planning\ALP\Sheets\COT-ALP-C10-11.dwg] [LAYOUT: C10]

SHEET C5 - Transitional Obstruction Table 1 OF 2						
Object ID	Name	Observation Date	Object Elevation	Ground Elevation	Penetration	Disposition
7203	POLE	6/19/2018	683.2	642.9	-10	No Obstruction - For Reference Only
7205	VERTICAL STRUCTURE	6/19/2018	665.6	644.1	13	To Remain
7209	ANTENNA	6/19/2018	678.2	642.7	7	To Remain
7210	POLE	6/19/2018	675.0	641.8	2	To Remain
7238	TREE	6/19/2018	723.1	632.6	24	To Be Removed/Relocated
7267	TREE	6/19/2018	691.1	635.4	-3	No Obstruction (<10' below restricting surface)
7272	BUILDING	6/19/2018	676.5	647.2	-10	No Obstruction - For Reference Only
7273	BUILDING	6/19/2018	661.6	646.5	-28	No Obstruction - For Reference Only
7274	VERTICAL STRUCTURE	6/19/2018	654.9	647.2	-7	No Obstruction - For Reference Only
7275	VERTICAL STRUCTURE	6/19/2018	653.1	646.5	-9	No Obstruction - For Reference Only
7276	VERTICAL STRUCTURE	6/19/2018	648.3	645.3	-31	No Obstruction - For Reference Only
7277	VERTICAL STRUCTURE	6/19/2018	654.1	646.6	-43	No Obstruction - For Reference Only
7278	VERTICAL STRUCTURE	6/19/2018	654.8	645.9	-42	No Obstruction - For Reference Only
7279	POLE	6/19/2018	670.0	645.1	-18	No Obstruction - For Reference Only
7280	BUILDING	6/19/2018	660.0	643.3	-30	No Obstruction - For Reference Only
7281	BUILDING	6/19/2018	661.2	643.1	-34	No Obstruction - For Reference Only
7282	DEBRIS/RUINS	6/19/2018	653.5	646.0	-40	No Obstruction - For Reference Only
7283	DEBRIS/RUINS	6/19/2018	655.5	646.2	-35	No Obstruction - For Reference Only
7298	SIGN	6/19/2018	646.0	643.8	-6	No Obstruction - For Reference Only
7349	SIGN	6/19/2018	643.9	641.4	1	To Remain
7351	SIGN	6/19/2018	647.2	642.9	-48	No Obstruction - For Reference Only
7352	BUILDING	6/19/2018	651.9	642.6	-44	No Obstruction - For Reference Only
7353	VERTICAL STRUCTURE	6/19/2018	644.5	642.4	-52	No Obstruction - For Reference Only
7354	VERTICAL STRUCTURE	6/19/2018	645.0	642.6	-50	No Obstruction - For Reference Only
7355	VERTICAL STRUCTURE	6/19/2018	645.0	642.4	-50	No Obstruction - For Reference Only
7356	VERTICAL STRUCTURE	6/19/2018	646.4	642.3	-49	No Obstruction - For Reference Only
7358	POLE	6/19/2018	668.0	642.3	-17	No Obstruction - For Reference Only
7359	POLE	6/19/2018	668.0	642.8	-5	No Obstruction - For Reference Only
7360	VERTICAL STRUCTURE	6/19/2018	651.3	642.9	-9	No Obstruction - For Reference Only
7406	VERTICAL STRUCTURE	6/19/2018	650.3	643.0	-8	No Obstruction - For Reference Only
7483	SIGN	6/19/2018	633.3	630.6	0	To Remain
7484	BUILDING	6/19/2018	649.4	636.1	-37	No Obstruction - For Reference Only
7485	VERTICAL STRUCTURE	6/19/2018	649.5	635.7	-35	No Obstruction - For Reference Only
7486	VERTICAL STRUCTURE	6/19/2018	649.5	635.7	-35	No Obstruction - For Reference Only
7487	VERTICAL STRUCTURE	6/19/2018	639.3	636.7	-46	No Obstruction - For Reference Only
7488	VERTICAL STRUCTURE	6/19/2018	638.4	636.6	-47	No Obstruction - For Reference Only
7489	VERTICAL STRUCTURE	6/19/2018	655.7	637.9	-31	No Obstruction - For Reference Only
7490	VERTICAL STRUCTURE	6/19/2018	658.3	641.0	-26	No Obstruction - For Reference Only
7491	VERTICAL STRUCTURE	6/19/2018	642.6	639.6	-40	No Obstruction - For Reference Only
7492	VERTICAL STRUCTURE	6/19/2018	656.2	638.3	-30	No Obstruction - For Reference Only
7493	VERTICAL STRUCTURE	6/19/2018	636.0	632.3	-49	No Obstruction - For Reference Only
7494	VERTICAL STRUCTURE	6/19/2018	647.7	641.8	-4	No Obstruction - For Reference Only
7495	VERTICAL STRUCTURE	6/19/2018	647.7	641.5	-15	No Obstruction - For Reference Only
7496	VERTICAL STRUCTURE	6/19/2018	650.0	641.3	-21	No Obstruction - For Reference Only
7497	POLE	6/19/2018	663.3	642.3	-5	No Obstruction - For Reference Only
7498	BUILDING	6/19/2018	653.0	642.4	-15	No Obstruction - For Reference Only
7499	VERTICAL STRUCTURE	6/19/2018	657.6	640.8	-30	No Obstruction - For Reference Only
7500	BUILDING	6/19/2018	666.6	641.9	-3	No Obstruction - For Reference Only
7501	BUILDING	6/19/2018	662.7	641.8	1	To Remain
7502	ANTENNA	6/19/2018	666.4	642.2	7	To Remain
7503	BUILDING	6/19/2018	655.4	642.7	-2	No Obstruction - For Reference Only
7504	BUILDING	6/19/2018	647.2	641.5	-6	No Obstruction - For Reference Only
7505	VERTICAL STRUCTURE	6/19/2018	649.0	641.4	-7	No Obstruction - For Reference Only
7506	VERTICAL STRUCTURE	6/19/2018	648.1	642.2	-13	No Obstruction - For Reference Only
7507	VERTICAL STRUCTURE	6/19/2018	644.9	642.4	-16	No Obstruction - For Reference Only
7508	VERTICAL STRUCTURE	6/19/2018	647.2	640.9	-37	No Obstruction - For Reference Only
7509	VERTICAL STRUCTURE	6/19/2018	651.0	642.2	-30	No Obstruction - For Reference Only
7510	VERTICAL STRUCTURE	6/19/2018	650.5	642.0	-36	No Obstruction - For Reference Only
7511	BUILDING	6/19/2018	651.2	641.2	-36	No Obstruction - For Reference Only
7512	VERTICAL STRUCTURE	6/19/2018	661.6	641.8	-18	No Obstruction - For Reference Only
7513	VERTICAL STRUCTURE	6/19/2018	662.9	642.3	-2	No Obstruction - For Reference Only
7514	DEBRIS/RUINS	6/19/2018	647.5	640.6	-42	No Obstruction - For Reference Only
7515	DEBRIS/RUINS	6/19/2018	647.6	641.4	-35	No Obstruction - For Reference Only
7516	DEBRIS/RUINS	6/19/2018	649.3	640.6	-39	No Obstruction - For Reference Only
7517	DEBRIS/RUINS	6/19/2018	651.1	641.8	-36	No Obstruction - For Reference Only
7518	VERTICAL STRUCTURE	6/19/2018	646.8	641.3	-43	No Obstruction - For Reference Only
7519	VERTICAL STRUCTURE	6/19/2018	647.3	640.8	-41	No Obstruction - For Reference Only
7520	VERTICAL STRUCTURE	6/19/2018	648.1	642.3	-28	No Obstruction - For Reference Only
7521	VERTICAL STRUCTURE	6/19/2018	647.7	641.7	-41	No Obstruction - For Reference Only
7522	BUILDING	6/19/2018	659.1	641.1	-4	No Obstruction - For Reference Only
7523	ANTENNA	6/19/2018	650.9	641.7	-14	No Obstruction - For Reference Only
7524	VERTICAL STRUCTURE	6/19/2018	646.6	640.1	-13	No Obstruction - For Reference Only
7525	VERTICAL STRUCTURE	6/19/2018	645.8	640.3	-8	No Obstruction - For Reference Only
7526	VERTICAL STRUCTURE	6/19/2018	644.4	640.4	-17	No Obstruction - For Reference Only
7527	VERTICAL STRUCTURE	6/19/2018	656.2	641.5	-21	No Obstruction - For Reference Only
7528	VERTICAL STRUCTURE	6/19/2018	650.2	641.7	-27	No Obstruction - For Reference Only
7529	VERTICAL STRUCTURE	6/19/2018	650.0	641.2	-35	No Obstruction - For Reference Only
7530	DEBRIS/RUINS	6/19/2018	642.9	638.8	-25	No Obstruction - For Reference Only
7531	DEBRIS/RUINS	6/19/2018	645.8	642.7	-31	No Obstruction - For Reference Only
7532	VERTICAL STRUCTURE	6/19/2018	645.6	641.0	-33	No Obstruction - For Reference Only
7533	BUILDING	6/19/2018	650.0	641.0	-30	No Obstruction - For Reference Only
7534	BUILDING	6/19/2018	647.1	640.9	-32	No Obstruction - For Reference Only
7535	BUILDING	6/19/2018	648.3	640.8	-29	No Obstruction - For Reference Only
7536	BUILDING	6/19/2018	650.2	640.6	-39	No Obstruction - For Reference Only
7537	BUILDING	6/19/2018	647.3	640.5	-41	No Obstruction - For Reference Only
7538	BUILDING	6/19/2018	648.5	640.3	-38	No Obstruction - For Reference Only

SHEET C5 - Transitional Obstruction Table 2 OF 2						
Object ID	Name	Observation Date	Object Elevation	Ground Elevation	Penetration	Disposition
7539	BUILDING	6/19/2018	650.3	640.4	-34	No Obstruction - For Reference Only
7540	ANTENNA	6/19/2018	675.0	639.9	-10	No Obstruction - For Reference Only
7541	VERTICAL STRUCTURE	6/19/2018	656.7	635.2	-29	No Obstruction - For Reference Only
7542	VERTICAL STRUCTURE	6/19/2018	646.7	640.4	-41	No Obstruction - For Reference Only
7543	VERTICAL STRUCTURE	6/19/2018	645.1	640.5	-42	No Obstruction - For Reference Only
7544	POLE	6/19/2018	674.4	640.8	-6	No Obstruction - For Reference Only
7545	VERTICAL STRUCTURE	6/19/2018	644.0	642.1	-38	No Obstruction - For Reference Only
7546	VERTICAL STRUCTURE	6/19/2018	643.5	641.7	-39	No Obstruction - For Reference Only
7547	VERTICAL STRUCTURE	6/19/2018	646.0	641.7	-36	No Obstruction - For Reference Only
7548	VERTICAL STRUCTURE	6/19/2018	648.3	641.4	-33	No Obstruction - For Reference Only
7549	VERTICAL STRUCTURE	6/19/2018	647.1	642.6	-27	No Obstruction - For Reference Only
7550	BUILDING	6/19/2018	653.1	642.6	-17	No Obstruction - For Reference Only
7551	VERTICAL STRUCTURE	6/19/2018	646.6	640.1	-14	No Obstruction - For Reference Only
7552	VERTICAL STRUCTURE	6/19/2018	642.7	638.1	-27	No Obstruction - For Reference Only
7553	VERTICAL STRUCTURE	6/19/2018	644.5	640.2	-12	No Obstruction - For Reference Only
7554	POLE	6/19/2018	662.2	637.4	-22	No Obstruction - For Reference Only
7555	POLE	6/19/2018	670.8	636.1	-10	No Obstruction - For Reference Only
7556	VERTICAL STRUCTURE	6/19/2018	654.5	638.6	-33	No Obstruction - For Reference Only
7557	ANTENNA	6/19/2018	661.9	637.8	-12	No Obstruction - For Reference Only
7558	VERTICAL STRUCTURE	6/19/2018	643.8	638.1	-48	No Obstruction - For Reference Only
7559	VERTICAL STRUCTURE	6/19/2018	644.1	638.7	-49	No Obstruction - For Reference Only
7560	VERTICAL STRUCTURE	6/19/2018	648.9	643.5	-13	No Obstruction - For Reference Only
11362	POLE	6/19/2018	689.2	639.9	-20	No Obstruction - For Reference Only
11422	TREE	6/19/2018	745.5	643.1	-1	No Obstruction (<10' below restricting surface)
11428	TREE	6/19/2018	700.2	643.5	-6	No Obstruction (<10' below restricting surface)
11442	TREE	6/19/2018	776.6	646.8	51	To Be Removed/Relocated
11443	TREE	6/19/2018	786.2	647.2	56	To Be Removed/Relocated
11444	TREE	6/19/2018	764.2	646.9	15	To Be Removed/Relocated
11445	TREE	6/19/2018	760.1	644.6	7	To Be Removed/Relocated
11447	TREE	6/19/2018	774.8	648.6	-4	No Obstruction (<10' below restricting surface)
11449	TREE	6/19/2018	787.6	649.2	-1	No Obstruction (<10' below restricting surface)
11450	TREE	6/19/2018	774.1	651.2	8	To Be Removed/Relocated
11451	TREE	6/19/2018	775.5	652.6	4	To Be Removed/Relocated
11452	TREE	6/19/2018	765.3	649.4	-8	No Obstruction (<10' below restricting surface)
11460	TREE	6/19/2018	739.6	643.3	9	To Be Removed/Relocated
11461	TREE	6/19/2018	680.3	651.9	14	To Be Removed/Relocated
11463	TREE	6/19/2018	681.0	643.2	-8	No Obstruction (<10' below restricting surface)
11464	TREE	6/19/2018	665.5	648.4	-10	No Obstruction (<10' below restricting surface)
11477	BUILDING	6/19/2018	683.2	646.4	-110	No Obstruction - For Reference Only
11480	BUILDING	6/19/2018	671.2	648.3	-68	No Obstruction - For Reference Only
11481	BUILDING	6/19/2018	668.4	646.6	-70	No Obstruction - For Reference Only
11483	BUILDING	6/19/2018	682.3	646.9	-110	No Obstruction - For Reference Only
11484	BUILDING	6/19/2018	668.8	644.0	-101	No Obstruction - For Reference Only
11486	BUILDING	6/19/2018	671.8	643.8	-98	No Obstruction - For Reference Only
11488	TREE	6/19/2018	731.4	644.3	32	To Be Removed/Relocated
11489	TREE	6/19/2018	727.2	643.5	-1	No Obstruction (<10' below restricting surface)
11490	ANTENNA	6/19/2018	671.0	648.0	-87	No Obstruction - For Reference Only
11491	BUILDING	6/19/2018	660.2	643.3	-48	No Obstruction - For Reference Only
11496	POLE	6/19/2018	665.6	640.8	-83	No Obstruction - For Reference Only
11525	TREE	6/19/2018	719.7	641.4	1	To Be Removed/Relocated
11527	TREE	6/19/2018	732.3	640.9	9	To Be Removed/Relocated
11538	POLE	6/19/2018	691.4	638.9	-70	No Obstruction - For Reference Only
11539	TREE	6/19/2018	725.8	639.7	-6	No Obstruction - For Reference Only
11540	TREE	6/19/2018	728.1	639.9	0	To Be Removed/Relocated
11545	TREE	6/19/2018	723.0	639.9	-5	No Obstruction (<10' below restricting surface)
11547	POLE	6/19/2018	672.3	637.7	-94	No Obstruction - For Reference Only
11554	BUILDING	6/19/2018	648.8	637.0	-139	No Obstruction - For Reference Only
11557	POLE	6/19/2018	691.7	635.1	-36	No Obstruction - For Reference Only
11558	POLE	6/19/2018	692.5	633.3	-29	No Obstruction - For Reference Only
11567	TREE	6/19/2018	678.4	634.2	-10	No Obstruction (<10' below restricting surface)
11568	POLE	6/19/2018	690.8	634.0	-32	No Obstruction - For Reference Only
11570	POLE	6/19/2018	650.0	633.4	-68	No Obstruction - For Reference Only
11572	POLE	6/19/2018	699.3	633.5	-25	No Obstruction - For Reference Only
11574	POLE	6/19/2018	696.2	629.8	-29	No Obstruction - For Reference Only
11591	TREE	6/19/2018	749.8	627.0	6	To Be Removed/Relocated
11592	TREE	6/19/2018	761.8	623.3	-10	No Obstruction (<10' below restricting surface)
12192	POLE	6/19/2018	666.4	640.5	-111	No Obstruction - For Reference Only
12193	POLE	6/19/2018	668.2	640.3	-54	No Obstruction - For Reference Only
12194	POLE	6/19/2018	667.8	640.5	-42	No Obstruction - For Reference Only
12195	POLE	6/19/2018	666.8	641.6	-31	No Obstruction - For Reference Only
12196	POLE	6/19/2018	682.2	643.0	-24	No Obstruction - For Reference Only
12197	POLE	6/19/2018	672.5	644.6	-44	No Obstruction - For Reference Only
12205	POLE	6/19/2018	665.1	640.5	-110	No Obstruction - For Reference Only
12206	POLE	6/19/2018	673.9	640.9	-87	No Obstruction - For Reference Only
12207	POLE	6/19/2018	663.7	640.7	-84	No Obstruction - For Reference Only
12208	POLE	6/19/2018	664.7	640.3	-69	No Obstruction - For Reference Only
12209	FLAGPOLE	6/19/2018	679.3	643.1	-18	No Obstruction - For Reference Only
12210	ANTENNA	6/19/2018	701.6	643.1	-6	No Obstruction - For Reference Only
12211	POLE	6/19/2018	659.6	642.6	-57	No Obstruction - For Reference Only
12212	POLE	6/19/2018	664.4	644.2	-40	No Obstruction - For Reference Only
12213	VERTICAL STRUCTURE	6/19/2018	642.3	640.3	-123	No Obstruction - For Reference Only
12219	TREE	6/19/2018	784.2	652.0	10	To Be Removed/Relocated
12258	TREE	6/19/2018	699.4	630.0	13	To Be Removed/Relocated
12259	TREE	6/19/2018	681.2	631.6	-1	No Obstruction - For Reference Only
12647	SECONDARY ROAD	6/19/2018	633.0	633.0	-151	No Obstruction - For Reference Only

[DATE: 4/1/2019 10:46 AM] [AUTHOR: abird] [PLOTTER: _AutoCAD PDF (General Documentation).pc3] [STYLE: WHP-Standard.ctb] [PATH: P:\Oregon Dept. of Aviation (ODA)\P0020107M\Execution\Drawings\Planning\ALP\Sheets\COT-ALP-C10-11.dwg] [LAYOUT: C11]

SHEET C5 - Conical Obstruction Table						
Object ID	Name	Observation Date	Object Elevation	Ground Elevation	Penetration	Disposition
7241	BUILDING	6/19/2018	1161.2	1135.3	254	To Remain
7245	BUILDING	6/19/2018	1121.6	1089	167	To Remain
7247	POLE	6/19/2018	899	849	-80	No Obstruction - For Reference Only
7261	CELL TOWER	6/19/2018	742.4	640.7	-103	No Obstruction - For Reference Only
7268	POLE	6/19/2018	1166	1133.5	211	To Be Removed/Relocated
7984	TERRAIN GROUP	6/19/2018	1348.3	1201.5	354	To Remain
7996	POLE	6/19/2018	1156.2	1127.4	207	To Be Removed/Relocated
8164	BUILDING	6/19/2018	1063.8	1045	223	To Remain
9270	COMMUNICATION TOWER	6/19/2018	1624.2	1437.5	653	To Remain
9271	COMMUNICATION TOWER	6/19/2018	1629.6	1439.3	660	To Remain
9272	ANTENNA	6/19/2018	1635.7	1445.4	667	To Remain
9299	TERRAIN GROUP	6/19/2018	1506.1	1413.9	548	To Remain
10010	TREE GROUP	6/19/2018	1093.4	976	110	To Be Removed/Relocated
10046	TERRAIN GROUP	6/19/2018	1399.6	1326.8	406	To Remain
11843	ANTENNA	6/19/2018	1594.3	1442.9	626	To Remain
12369	TREE GROUP	6/19/2018	1139.3	966.3	173	To Be Removed/Relocated
12377	TREE GROUP	6/19/2018	963.5	790	127	To Be Removed/Relocated
12451	TREE GROUP	6/19/2018	1149.4	976.5	186	To Be Removed/Relocated
12490	TREE GROUP	6/19/2018	1107	979	118	To Be Removed/Relocated
12518	SLASH PILE	6/19/2018	993	972.9	100	To Be Removed/Relocated
12524	POLE	6/19/2018	1139.4	1105.7	198	To Be Removed/Relocated
12578	TREE GROUP	6/19/2018	1061.4	963.5	113	To Be Removed/Relocated
12598	TREE	6/19/2018	882.2	753.5	18	To Be Removed/Relocated
12599	TREE GROUP	6/19/2018	994.8	943.6	21	To Be Removed/Relocated
12601	TREE GROUP	6/19/2018	1012	884.5	117	To Be Removed/Relocated
12613	TREE GROUP	6/19/2018	1128	985.5	146	To Be Removed/Relocated

SHEET C6 - Primary Obstruction Table						
Object ID	Description	Observation Date	Object Elevation	Ground Elevation	Penetration	Disposition
7295	VERTICAL STRUCTURE	6/19/2018	646.8	644.5	2	To Remain
7296	SIGN	6/19/2018	646.8	644.1	2	To Remain
7297	SIGN	6/19/2018	645.8	643.7	1	To Remain
7299	VERTICAL STRUCTURE	6/19/2018	644.6	641.6	1	To Remain
7347	SIGN	6/19/2018	643.9	641.6	1	To Remain
7348	SIGN	6/19/2018	644.2	641.8	1	To Remain
7350	VERTICAL STRUCTURE	6/19/2018	644.5	641.5	1	To Remain
7439	SIGN	6/19/2018	638.4	635.9	0	To Remain
7447	VERTICAL STRUCTURE	6/19/2018	636.4	633.1	1	To Remain
7468	VERTICAL STRUCTURE	6/19/2018	634.1	631.5	0	To Remain

SHEET C7 - Runway 15 Approach Surface						
Object ID	Description	Observation Date	Object Elevation	Ground Elevation	Penetration	Disposition
12300	TREE	6/19/2018	749.0	623.8	10	To Be Removed/Relocated
12643	SECONDARY ROAD	6/19/2018	625.9	625.9	-217	No Obstruction - For Reference Only
12644	SECONDARY ROAD	6/19/2018	628.4	628.4	-149	No Obstruction - For Reference Only
12646	SECONDARY ROAD	6/19/2018	632.9	632.9	-135	No Obstruction - For Reference Only
12648	SECONDARY ROAD	6/19/2018	629.0	629.0	-170	No Obstruction - For Reference Only
12649	SECONDARY ROAD	6/19/2018	626.3	626.3	-225	No Obstruction - For Reference Only
12656	SECONDARY ROAD	6/19/2018	629.1	629.0	-177	No Obstruction - For Reference Only

SHEET C8 - Runway 15 Inner Approach Surface						
Object ID	Description	Observation Date	Object Elevation	Ground Elevation	Penetration	Disposition
12257	TREE	6/19/2018	693.0	628.5	8	To Be Removed/Relocated
12299	TREE	6/19/2018	640.7	627.1	6	To Be Removed/Relocated
12640	TREE	6/19/2018	746.3	627.0	22	To Be Removed/Relocated
12641	TREE	6/19/2018	730.3	624.3	6	To Be Removed/Relocated
12645	SECONDARY ROAD	6/19/2018	631.4	631.4	-101	No Obstruction - For Reference Only

SHEET C5 - Horizontal Obstruction Table						
Object ID	Description	Observation Date	Object Elevation	Ground Elevation	Penetration	Disposition
7243	BUILDING	6/19/2018	876.4	849.8	82	To Remain
7252	VERTICAL STRUCTURE	6/19/2018	996.7	987.7	202	To Remain
7258	POLE	6/19/2018	759.5	723.5	-35	No Obstruction - For Reference Only
8154	TREE GROUP	6/19/2018	955.2	866.1	161	To Be Removed/Relocated
9559	TERRAIN GROUP	6/19/2018	1263.3	1115.9	469	To Remain
9664	TREE GROUP	6/19/2018	956.8	790.9	162	To Be Removed/Relocated
11029	TERRAIN GROUP	6/19/2018	1235.8	1082.6	441	To Remain
11116	TREE GROUP	6/19/2018	954.2	794.7	159	To Be Removed/Relocated
11258	TREE	6/19/2018	830.8	668.3	36	To Be Removed/Relocated
11285	TREE GROUP	6/19/2018	957.8	801.9	163	To Be Removed/Relocated
11290	TREE	6/19/2018	791.5	784.8	-3	No Obstruction - For Reference Only
11310	TREE	6/19/2018	785.9	693.8	-9	No Obstruction - For Reference Only
11311	TREE	6/19/2018	803.2	711.7	9	To Be Removed/Relocated
11318	TREE	6/19/2018	801.6	688.6	7	To Be Removed/Relocated
11479	TANK	6/19/2018	713.8	646.2	-81	No Obstruction - For Reference Only
11584	TREE	6/19/2018	786.2	629.2	-9	No Obstruction - For Reference Only
11615	TREE GROUP	6/19/2018	829.5	658.7	35	To Be Removed/Relocated
12188	LIGHT POLE	6/19/2018	675	634.2	-120	No Obstruction - For Reference Only
12189	LIGHT POLE	6/19/2018	663.5	636.2	-131	No Obstruction - For Reference Only
12190	LIGHT POLE	6/19/2018	664.7	638.7	-130	No Obstruction - For Reference Only
12191	LIGHT POLE	6/19/2018	665.8	639.1	-129	No Obstruction - For Reference Only
12199	POWER POLE	6/19/2018	666.6	637.7	-128	No Obstruction - For Reference Only
12200	POWER POLE	6/19/2018	698.2	637.4	-97	No Obstruction - For Reference Only
12201	POWER POLE	6/19/2018	670.8	637.6	-124	No Obstruction - For Reference Only
12202	POWER POLE	6/19/2018	664.5	638.9	-130	No Obstruction - For Reference Only
12203	POWER POLE	6/19/2018	669.2	639.3	-126	No Obstruction - For Reference Only
12204	POWER POLE	6/19/2018	661.3	639.2	-133	No Obstruction - For Reference Only
12214	ELECTRICAL BOX	6/19/2018	639.9	638.4	-155	No Obstruction - For Reference Only
12226	TREE	6/19/2018	794.1	651.4	-1	No Obstruction - For Reference Only
12227	TREE	6/19/2018	794.6	657.9	0	To Be Removed/Relocated
12312	TREE	6/19/2018	796.7	659.1	2	To Be Removed/Relocated
12540	TREE GROUP	6/19/2018	885.6	797.1	91	To Be Removed/Relocated
12597	TREE GROUP	6/19/2018	814.8	710.4	20	To Be Removed/Relocated
12650	ROAD ELEVATION	6/19/2018	665.6	665.6	-129	No Obstruction - For Reference Only

SHEET C7 - Runway 33 Approach Obstruction Table						
Object ID	Description	Observation Date	Object Elevation	Ground Elevation	Penetration	Disposition
11453	TREE	6/19/2018	790.1	653.3	11	To Be Removed/Relocated
11454	TREE	6/19/2018	802	659.7	19	To Be Removed/Relocated
11455	TREE	6/19/2018	803.3	661.4	9	To Be Removed/Relocated
11456	TREE	6/19/2018	812.4	661.5	16	To Be Removed/Relocated
11457	TREE	6/19/2018	792.3	659.4	3	To Be Removed/Relocated
12222	TREE	6/19/2018	768.3	654.2	8	To Be Removed/Relocated
12308	TREE	6/19/2018	771.3	650.8	2	To Be Removed/Relocated
12309	TREE	6/19/2018	779.6	648.6	2	To Be Removed/Relocated
12310	TREE	6/19/2018	785.4	649.8	5	To Be Removed/Relocated
12311	TREE	6/19/2018	795.2	656.3	3	To Be Removed/Relocated
12642	SECONDARY ROAD	6/19/2018	664.2	664.2	-230	No Obstruction - For Reference Only
12651	SECONDARY ROAD	6/19/2018	660.7	660.7	-158	No Obstruction - For Reference Only
12652	SECONDARY ROAD	6/19/2018	657.4	657.4	-148	No Obstruction - For Reference Only
12653	SECONDARY ROAD	6/19/2018	650.3	650.3	-106	No Obstruction - For Reference Only
12654	SECONDARY ROAD	6/19/2018	656.2	656.2	-137	No Obstruction - For Reference Only
12655	SECONDARY ROAD	6/19/2018	653	653	-109	No Obstruction - For Reference Only

SHEET C9 - Runway 33 Inner Approach Obstruction Table						
Object ID	Description	Observation Date	Object Elevation	Ground Elevation	Penetration	Disposition
11427	TREE	6/19/2018	663.3	639.1	12	To Be Removed/Relocated
11433	TREE	6/19/2018	682	649.1	3	To Be Removed/Relocated
11435	TREE	6/19/2018	675.7	645.3	8	To Be Removed/Relocated
11462	TREE	6/19/2018	676.6	646.5	12	To Be Removed/Relocated
12220	TREE	6/19/2018	725	649.1	7	To Be Removed/Relocated
12221	TREE	6/19/2018	716.2	646.7	5	To Be Removed/Relocated
12223	TREE	6/19/2018	763.6	647.2	19	To Be Removed/Relocated
12301	TREE	6/19/2018	673.5	637.9	13	To Be Removed/Relocated
12302	TREE	6/19/2018	663.3	640.2	1	To Be Removed/Relocated
12303	TREE	6/19/2018	671.1	644.7	6	To Be Removed/Relocated
12304	TREE	6/19/2018	680.8	641.2	0	To Be Removed/Relocated
12305	TREE	6/19/2018	691.7	646.5	2	To Be Removed/Relocated
12306	TREE	6/19/2018	713.1	641.5	5	To Be Removed/Relocated
12307	TREE	6/19/2018	774.6	646.2	48	To Be Removed/Relocated
12638	TREE	6/19/2018	669.1	637.2	8	To Be Removed/Relocated
12639	TREE	6/19/2018	667.2	635.8	9	To Be Removed/Relocated



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DRAWN	ALB
CHECKED	RS
APPROVED	----
LAST EDIT	3/21/2019
PLOT DATE	4/1/2019
SUBMITTAL	

REVISIONS			
NO.	BY	DATE	REMARKS

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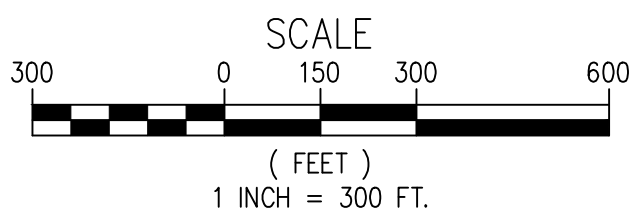
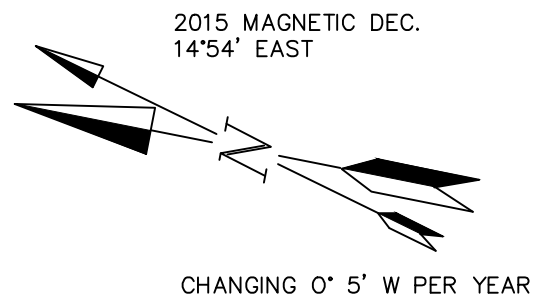
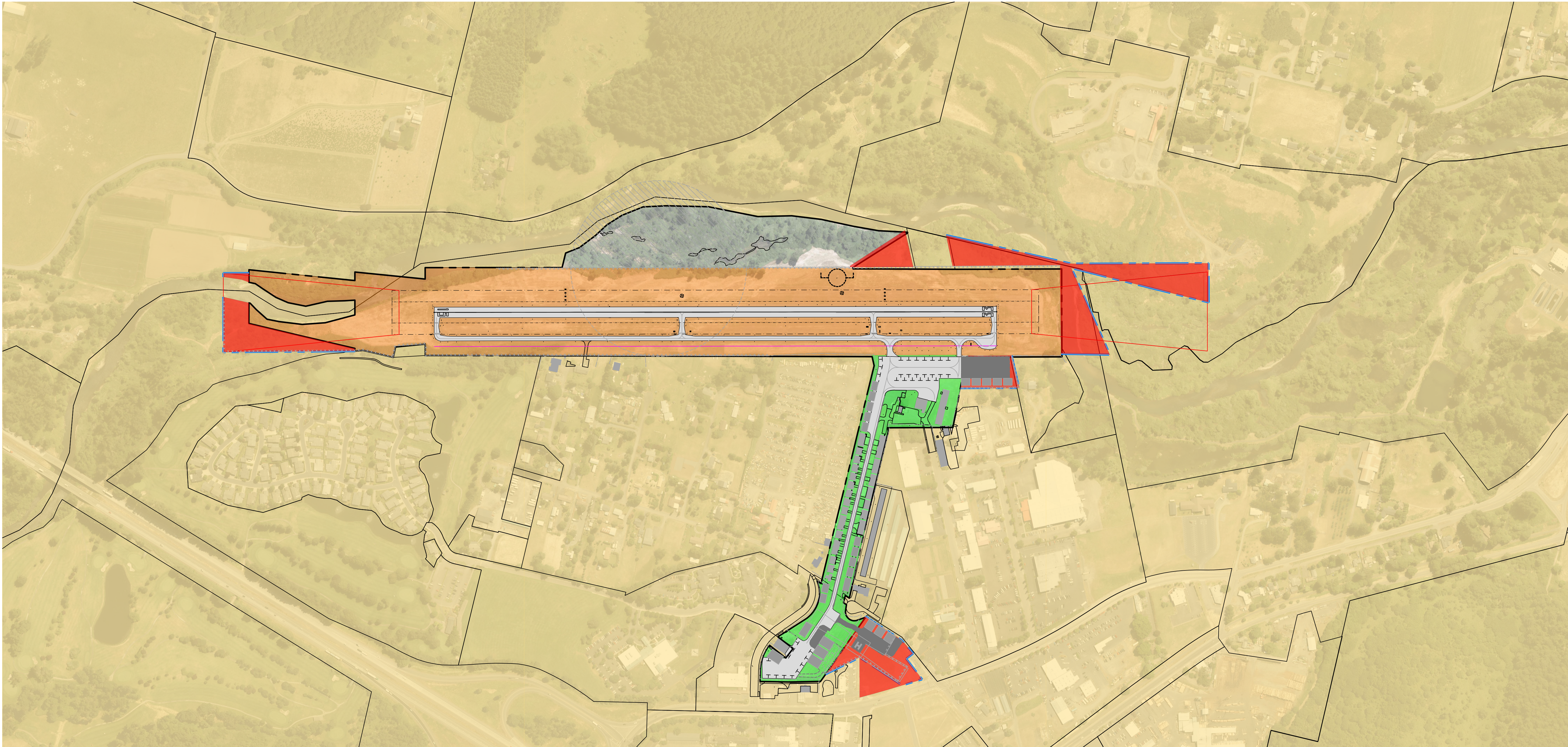
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PROJECT NUMBER	DRAWING FILE NAME	SCALE
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SHEET NUMBER

C11

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FUTURE AIRPORT PROPERTY LINE	---
EXISTING HANGAR AREA	
FUTURE HANGAR AREA	
AIRFIELD	
FUTURE AIRPORT PROPERTY	

WHPacific



SHEET INFO	
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APPROVED	---
LAST EDIT	3/28/2019
PLOT DATE	4/1/2019
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REVISIONS				REMARKS
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ON AIRPORT LAND USE

OREGON DEPARTMENT OF AVIATION
COTTAGE GROVE, OR

PROJECT NUMBER
P0020107W

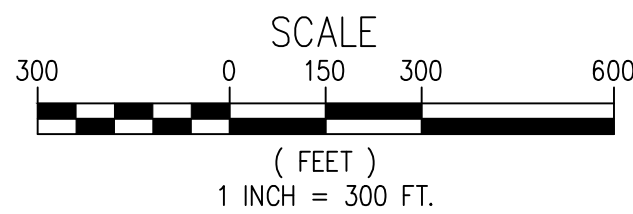
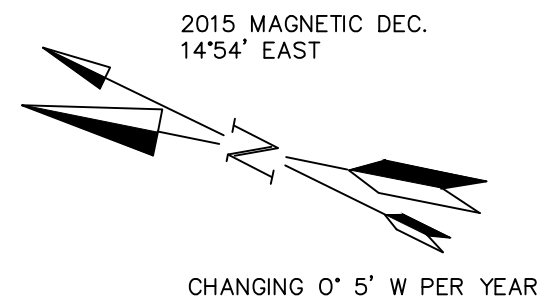
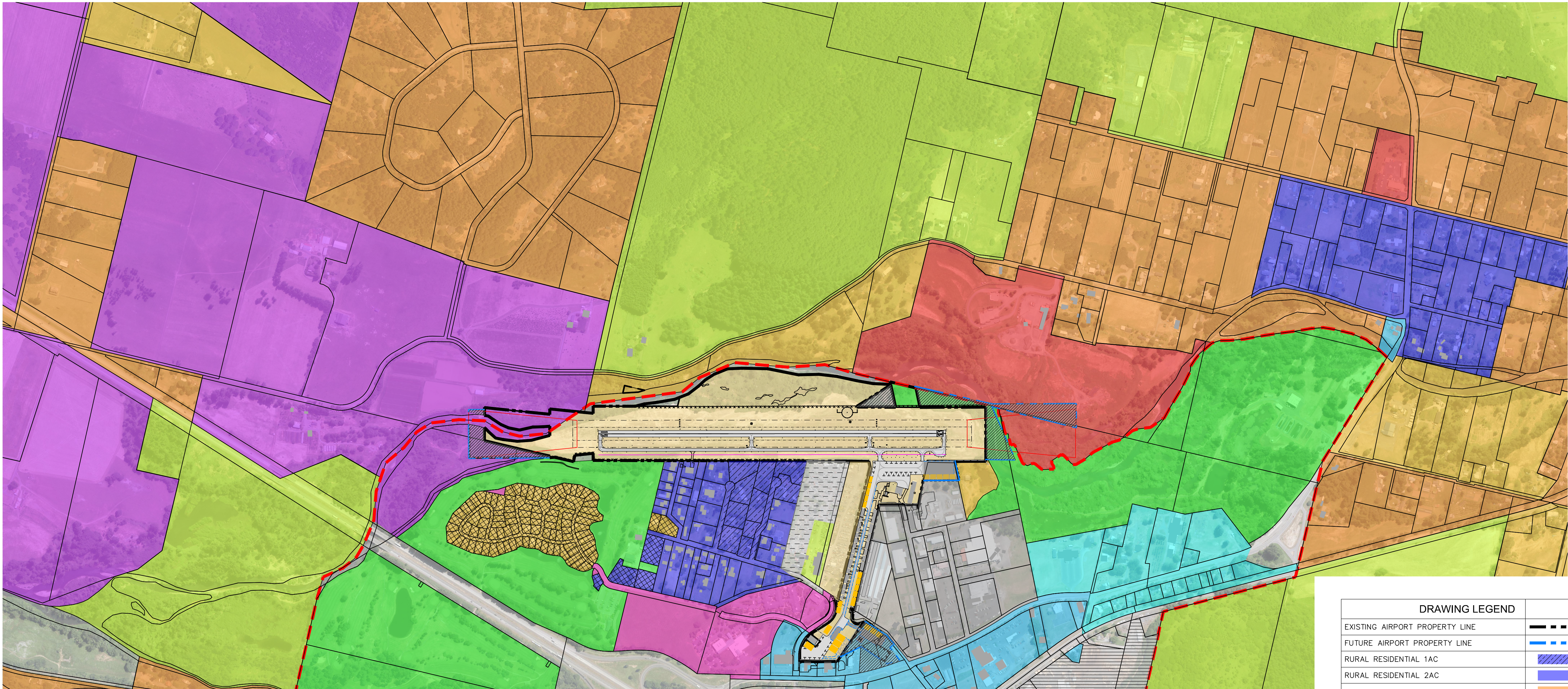
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C12

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DRAWING LEGEND	
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FUTURE AIRPORT PROPERTY LINE	---
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RURAL RESIDENTIAL 2AC	▨
RURAL RESIDENTIAL 5AC	▨
RURAL RESIDENTIAL 10AC	▨
RURAL RESIDENTIAL DISTRICT	▨
RURAL COMMERCIAL	▨
LIGHT INDUSTRIAL	▨
HEAVY INDUSTRIAL	▨
LIGHT INDUSTRIAL DISTRICT	▨
LIMITED INDUSTRIAL DISTRICT	▨
COMMUNITY COMMERCIAL	▨
IMPACTED FOREST	▨
PARKS & RECREATION	▨
EXCLUSIVE FARM USE	▨
COMMERCIAL TOURIST LIMITED	▨
RURAL PUBLIC FACILITY	▨
EXISTING AIRPORT PROPERTY	▨
AIRPORT VICINITY DISTRICT	▨
FUTURE AIRPORT PROPERTY ACQUISITION	▨
SINGLE FAMILY RESIDENTIAL	▨
MULTI FAMILY RESIDENTIAL	▨
COTTAGE GROVE ZONING LIMITS	▨

OFF AIRPORT LAND USE ZONING SOURCES INCLUDE THE CITY OF COTTAGE GROVE ZONING JUNE 2018, AND LANE COUNTY ZONING.

WHPacific



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APPROVED	----
LAST EDIT	3/22/2019
PLOT DATE	4/1/2019
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